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The Stethoscope

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NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

Volume 10, No. 1

January, 1955

SERIAL

Academy of Medicine gives its medal to Dr. Whipple

For his outstanding contributions to surgery, Dr. Allen O. Whipple, consultant to the Hospital, former director of the Surgical Service and Valentine Mott professor emeritus of Columbia University, received the medal of the New York Academy of Medicine at its annual meeting on January 6th. This is only the eighth time the Academy medal has been awarded since 1928.

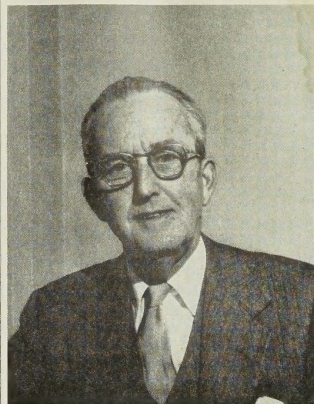
Dr. Whipple, the recipient of many other honors, was awarded the Medical Center's Distinguished Service Award in 1953 and the Distinguished Service Medal of the American Medical Association in 1951.

Four on Medical Center staff are 1955 Academy officers

Four Medical Center men, headed by Dr. Edward J. Donovan as president, are among the 1955 officers of the New York Academy of Medicine.

Dr. Donovan, attending surgeon and associate clinical professor here and since 1923 a member of the St. Luke's Hospital surgical staff, was vice-president of the Academy last year.

In his inaugural address at the Academy's annual meeting on January 6th, Dr. Donovan outlined for 1955 a policy of even greater cooperation between the Academy and City health organizations working on community health and welfare problems.



Edward J. Donovan, M.D.

Medical Center staff members installed with Dr. Donovan as vice-presidents of the Academy were Dr. Robert L. Levy, consultant to the Hospital and professor emeritus of clinical medicine, and Dr. J. Burns Amberson, attending physician and professor of medicine.

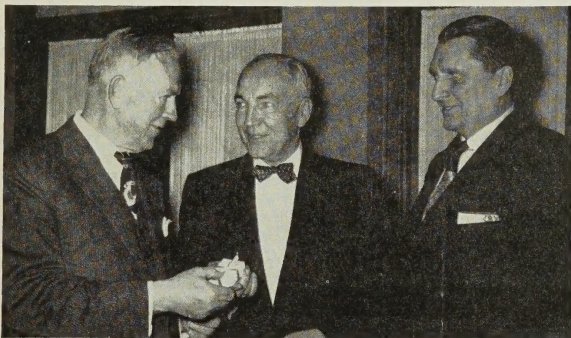
Dr. Jerome P. Webster, consultant to the Hospital and professor emeritus of clinical surgery, continues in his three-year term as vice-president.

FOCUS ON THE ANNUAL VOLUNTEER TEA

Above—Charles P. Cooper, president, and Alvin J. Binkert, vice-president and general manager, present an "honorary" awards pin to George V. Denny, Jr., speaker at the annual volunteer tea.

Below—Part of the "procession" of 139 volunteers who received their 100-hours pins at the tea.

(complete details appear on page 4)



The Stethoscope

JANUARY 1955

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60th birthday

As many cares beset us, some of us may not realize that there is a source of comfort within easy access to us. Each Wednesday afternoon at 5:15 at the half-hour Vesper Service in our Chapel we may hear a spiritual message from one of the city's leading ministers and hymns sung by the Vesper Choir of nurses, students and staff members. Mrs. Robert Stuckey directs the choir and Ralph Richter is chairman of the student committee which arranges programs.

This short time taken away from our duties is well spent and may serve those who attend in manifold ways—through a relaxation of mind, heart and spirit that brings increased vigor and encouragement for the work we do in the Hospital.

The P & S Club, an organization of the students of the College of Physicians and Surgeons which on January 25th celebrated its 60th birthday, sponsors the service. A birthday observance is being planned.

P & S Club is dedicated to the spiritual, social, aesthetic and physical development of the students during their medical training. It was started in 1895 by Dr. Samuel Cochran, then a student. Dr. Cochran spent almost his entire adult life as a medical missionary in China, returning to the Hospital to serve as director of medical informa-

tion from 1932 to 1947 after his retirement from the foreign field.

That P & S Club achieves its purpose is shown in the interest taken in it by students and the advisory board, who are all members of the Medical Center staff.

The Vesper Service in our Chapel is a weekly event and all of the Staff and personnel of the Medical Center are cordially invited to attend.

Frank L. Meleney, M.D.
Chairman, Advisory Board
of the P & S Club

Tax Code aids hospitals

The Internal Revenue Code of 1954 indicates an awareness of the relation between taxation and giving that is essential to both wise philanthropy and the planning of the future of privately supported institutions.

The code granted substantial relief to individual and corporate taxpayers. It raised from 20 to 30 per cent of adjusted gross income the amount of allowable charitable deductions for individuals, provided that one-third or more of total contributions are made to hospitals, schools or churches. For corporations it allows contributions in excess of five per cent of taxable income to be carried over for two years.

A personal letter

Stethoscope is interested in YOU. Won't you let us know when you are engaged or married, when anything happens to you that's especially nice to relate and when you have ideas to express.

We would like to report that your latest paper has been published or that you've given a talk at a convention or been elected to office in a professional society.

There are space limitations in every issue but, with your cooperation, all of us can enjoy a wider knowledge of the Medical Center and the people in it.

Your news, your ideas and you are always welcome in the Stethoscope office, room 31, fourth floor, Presbyterian Hospital, or over the telephone on extensions 7076 or 7064.

To the editor:

I am so very grateful for the wonderful tribute paid to me and my late husband and I wish to thank all my friends at the Medical Center for their thoughtfulness and sympathetic understanding.

Viola Mack

In Memoriam

F. VINTON LAWRENCE, JR.

A trustee of the Hospital, F. Vinton Lawrence, Jr., died January 18th at his home in Englewood.

He joined the Hospital as a corporation member in 1950 and was elected a trustee in March, 1953. In Englewood, he had served the Englewood Hospital Association as assistant treasurer in 1936-37 and as president in 1941-42 and from 1946 until 1949.

Mr. Lawrence was a partner in Scudder, Stevens & Clark, an investment counsel firm, and a director of the firm's Illinois branch. He was also a director of Scudder Distributors Inc. and a partner in the Los Angeles firm of Willis and Christy. From 1936 to 1942, Mr. Lawrence was a director and member of the executive committee of the Fiduciary Trust Company of New York.

Born on Staten Island in 1904, he was a graduate of Phillips Exeter Academy, Exeter, New Hampshire. He earned a bachelor of science degree at Princeton University, where he was a member of Phi Beta Kappa.

RABBI JEREMIAH J. BERMAN

A memorial service was held January 31st in the chapel for Rabbi Jeremiah Joseph Berman, Jewish chaplain of the Hospital since April 1953. He had been admitted as a patient to Harkness Pavilion on January 3rd and died on January 5th.

Rabbi Berman, at the time of his death, was also acting rabbi of New York Hospital.

The author of the book "Shehitah—a study in the cultural and social life of the Jewish people," Rabbi Berman had also written a series of holiday pamphlets published by the New York Board of Rabbis and used by Jewish chaplains in all city and state hospitals and in private institutions.

Rabbi Berman was assistant chaplaincy coordinator of the Board of Jewish Rabbis, on the executive board of Mizrahi Organization of America Inc., a member of the New York State Kashruth Board and on the Kashruth Committee of the Rabbinical Assembly.

Born in New York City in 1902, Rabbi Berman was graduated from City College in 1924 and from the Jewish Theological Seminary of America in 1928, receiving from that institution the degree of doctor of Hebrew literature in 1940.

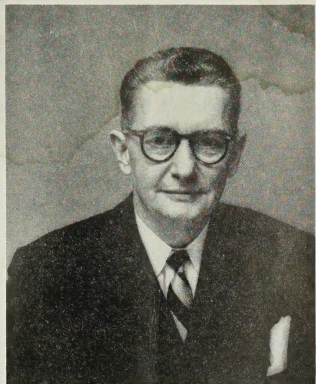
Two administrative assistants appointed

Two new administrative assistants are on the job here. They are Roland D. Hunter, Food Service, and William J. Muether, Buildings and Grounds. Both will work under Assistant Vice-President Dale K. Tuller.

Mr. Hunter comes to the Hospital after spending four months in Korea where he helped plan new hotels and restaurants at the request of Korea's President Syngman Rhee who hopes this method will encourage trading with the West.

Before going to Korea, Mr. Hunter was manager of the Buffalo Athletic Club for four and a half years and secretary-treasurer of the New York State Chapter of the Club Managers Association. Prior to that time he had been general manager of the Ritz Tower Hotel and on the staff of the executive offices of the Hotel Statler, both in New York City, and in Boston. There he was secretary and then president of the International Stewards and Caterers Association. From 1941 to 1946, Mr. Hunter was operating supervisor of Cotty Brothers Inc., an industrial food catering firm with 65 units in 25 states.

Mr. Muether had been with the



Roland D. Hunter



William J. Muether

Equitable Office Building Corporation at 120 Broadway for 36 years, the last five years as operating manager of the building. While in the building management field, he was a member of and served on several committees of the Real Estate Board of New York.

Mr. Muether, interested in civic affairs, is a member of the Queens County Grand Jurors Association which is now studying problems of juvenile delinquency and other civic problems.

Dedication ceremony is held for Class of '57

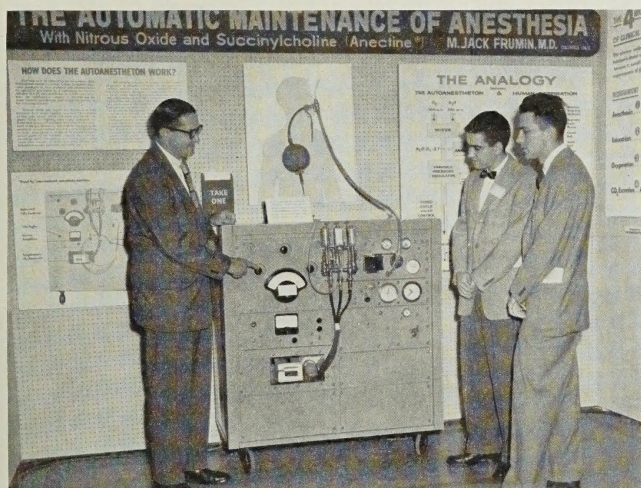
On January 4th, in Sturges Auditorium of Maxwell Hall, the 119 members of the Class of 1957 in the School of Nursing performed the traditional dedication ceremony of kindling their individual candles from the Florence Nightingale Lamp, symbol of the nursing profession. They wore their blue and white striped uniforms for the first time and were accompanied into the auditorium by their "big sisters," the Class of 1955.

Marguerite Temple, president of the Student Government Association, conducted the program, which was arranged by the Class of 1955.

Senior students on the committee for the ceremony were Barbara Herrin, chairman, Alice Schweighofer and Nancy Van Duyn, co-chairmen, Barbara Trimm, Beverly Roberts, Irene Dilger, Mary Eldredge, Janet Quintance and Esther Rosengren.

Dr. Robert F. Loeb, Director of the Medical Service and Bard Professor of Medicine, in his address, counseled the students not to lose the fundamentals of "good old fashioned nursing." He said that nothing should "deflect from personal concern for the individual."

Greetings were given by Dr. Aura E. Severinghaus, associate dean of the Faculty of Medicine, and Miss Margaret Eliot, acting director of the Hospital's Nursing Service. Miss Eleanor Lee, acting executive officer of the College's Department of Nursing, lit the Nightingale lamp.



The first prize given for a scientific exhibit by the New York State Society of Anesthesiologists was awarded to Dr. M. Jack Frumin for his autoanestheton at the society's Eighth Annual Post-Graduate Assembly last month. Above, Dr. Frumin, assistant attending anesthesiologist and assistant professor, explains his machine to two residents on Anesthesiology Service, Drs. William Combs and Addison J. Burke. The autoanestheton, which is being tested clinically, automatically maintains anesthesia and regulates the patient's respiration according to his end expiratory carbon dioxide tension.

Volunteers set new record

A gift of 84,474 hours of service to the Hospital was made in 1954 by more than 600 volunteers. This is the largest amount of time and number of volunteers in the history of the Volunteer Service at Presbyterian Hospital.

These figures were announced at the annual volunteer tea on January 27th in Maxwell Hall. Pins for 100 hours service were awarded to 124 women and 15 men. For the second year, embossed numerals were given to volunteers with five or more consecutive years of service here. This award went to 17 persons. (A complete list of award winners is printed below.)

Charles P. Cooper, president of the Hospital, welcomed the guests to the tea. George V. Denny, Jr., former president of The Town Hall, Inc., and founder of America's Town Meeting of the Air, spoke on "Freedom To Serve." Miss Margaret Eliot, acting director of the Nursing Service, gave "An Appreciation."

Alvin J. Binkert, vice-president and general manager of the Hospital, presented the awards and pins. Mrs. Louis Connick, chairman of the volunteer committee of the Women's Auxiliary of the Presbyterian Hospital, presided.

"Volunteers in Action," a film made in the Hospital last year, surveyed some of the divergent services performed by volunteers . . . the rewarding experiences of the tender loving care program, service in the wards or clinics or in sterile supply room, and clerical and research jobs for volunteers with special training.

The 1954 hours show a 24 per cent increase over 1953's total of 68,316 and a 106 per cent increase over 1951 figures.

Extra interest on the part of night and weekend volunteers is indicated in the 1954 figures which show that 17,461 hours of evening volunteer work were performed. The total for day volunteers was 67,013 hours.



Recipients of 100-hours pins

Estelle Abrahamson
Doris Adkins
Elsa Balthazar (Mrs.)
Barbara Becker
Bertl Berliner
Rita Bernson (Mrs.)
Elizabeth Berry (Mrs.)
Hannah Bradley
Ruth Brauchli
Gertrude Brown
Nancy Brown
Elsie Buechner (Mrs.)
Peggy Byrne
Gertrude Carr (Mrs.)
H. C. Chun
Rosaling Clapp
Patricia Corcoran
Elizabeth Crawford (Mrs.)
Antoinette de Fillipo
Grace Denenholz
Ralph Dibble
Corinne Distant
Martha Dodge
Catherine Donahue
Ruth Duncanson (Mrs.)
Dorothy Edelson
Antoinette Engler (Mrs.)
Susan Evans
Barbara Feldberg
Mildred Fine (Mrs.)
Gatelle Fitzer (Mrs.)
Lea Fooshee (Mrs.)

Howard Fox
Francisco Foz
Alma French (Mrs.)
Greta Freund (Mrs.)
Isabel Gaebelein
Mary Galanis
Roberta Gluck
Grace Goddard (Mrs.)
Rita Goldmuntz (Mrs.)
Ruth Gottlieb
Gloria Grathwohl
Jane Gray (Mrs.)
Dolores Grimm
Elaine Grodowitz
Marie Grzybowski (Mrs.)
Gerry Hale (Mrs.)
Jane Harris (Mrs.)
Henrietta Harvin
Jane Head (Mrs.)
Carry Heimann (Mrs.)
Pauline Hennessy
Phyllis Hess
Sylvia Hiesiger
Alma Hilkert (Mrs.)
R. B. Hill (Mrs.)
Rosalind Hilsen
Carol Hinnigan
Ann Holub (Mrs.)
Harvey Honig
Vivienne Huber
Lillian Hudson (Mrs.)
Hazel Hursh (Mrs.)

Ruth Ivins
Hannah Jaquith (Mrs.)
Gerda Jensen
Charles Jeroloman
Ruth Jones
Roslyn Kaplan (Mrs.)
Anna Kastle (Mrs.)
Lin-Ming Kaung (Mrs.)
Charlotte King
Jessie Klafy
Frieda Karper (Mrs.)
Doris Liepmann
Jill Lippman
Michelle Lochr
Joseph Ludlow (Mrs.)
Mary Lynch
Faith Mandakis
Florence Marcus
Joel Marcuse
Inge Mayer
Rita Mayer
Ida Mende (Mrs.)
Caroline Milo (Mrs.)
Maria Miranda
Helen T. Moore
Gertrude Moss (Mrs.)
Edith Moules (Mrs.)
Helen Murphy
Marian Okie
Patricia Oleson
Anne Osborne
Raquel Ottolenghi
Virginia Pannell (Mrs.)
Elaine Petersen

Mary Pierce
Julia Pletcher
Irvin Polayes (Mrs.)
Myrtle Reaney
Joan Reilly
Johanna Rosenfelder (Mrs.)
Herbert Rubinowitz
Rose Rudnick (Mrs.)
Linton Salmon
Ruth Saul
Dorothy Schultz
JoAnn Scowcroft (Mrs.)
Katherine Seay
Geraldine Sebring
Elizabeth Seligman (Mrs.)
Marcus Shoobe
Jane Silver (Mrs.)
Pearl Sneden
Michael Stein
Carrie Stern (Mrs.)
Ada Stoloff (Mrs.)
Berish Strauch
Peter Talbot
Faith Tischler
Rose Totaro
Fotini Tsaggos (Mrs.)
Sandra Turner
Joan Vaccaro
Mary Vallone
Ruth von Bolschwing (Mrs.)
Janet Wakelee
Marcia Wander
Joan Waterman
Gretl Weil (Mrs.)
Alfred Weissenberg
Richard Wellman, M.D.
Lois Williamson
Gerda Wodlinger (Mrs.)
Eva Wolff (Mrs.)
Ruth Wylie
Janine Yates (Mrs.)

Years of Service "Numerals" given

Twelve Years

Mrs. Ethel Herrmann

Eleven Years

Mrs. Stella Brown
Eva Woythaler

Ten Years

Mrs. Sue Raices

Nine Years

Mrs. George A. Perera

Eight Years

Mrs. Mildred Schwarzbart
Mrs. Cecile Shotland

Seven Years

Mrs. Adelaide Andino
Mrs. Bella Bertheim
Mrs. Elizabeth Shattuck
Mrs. Mildred Webber
Mrs. Theresa Weil

Six Years

Mrs. Bess Goodman
Mrs. Doris Kelley
Mrs. Harriet Mayer
Mrs. Bertha Rosenberg
Mrs. Marion Ware

New X-ray in use in Vanderbilt Clinic

In a small new room just off the entrance to Vanderbilt Clinic, an X-ray machine is affording the Hospital's physicians an opportunity to rapidly examine patients on a large scale for diseases of the lung, heart and bony thorax.

Use of this machine, which takes 70 millimeter X-ray films, was started on January 3rd in the new Room 38, now known as the Chest Survey Unit. Every patient 10 years of age or older who is accepted in the clinic will have a 70 millimeter X-ray of his chest before he actually attends his clinic.

The photofluorograms, chest films of miniature size, measure only three inches square and are studied through a magnifying viewer by a radiologist and reported to the clinic physician.

The minograph is being used for an average of 100 persons daily. The requisition for this examination is made out on a duplicate punch card which also acts as a report form. The original is filed in the patient's unit medical record and the copy is filed for statistical purposes.

Use of the miniature X-ray and film is the method employed for large scale X-ray surveys. These mass surveys, plus new treatments, are considered the means through which the threat of tuberculosis one day may be completely conquered.

1955 annual Arts, Photography and Crafts Exhibition opens on Monday, March 14th

Is there an unfinished canvas in your "studio"? Do you still have to take another stitch in your newest hooked rug? Were you going to retouch a negative before you printed the photograph you're so proud of?

Hurry, hurry, hurry. The Medical Center's 1955 annual Arts, Photography and Crafts Exhibition opens on Monday, March 14th in the west end of the Personnel Dining Room.

Don't be shy about showing your work. If it's worth doing, it's worth viewing. Besides this is not a contest. This is a showing for the sake of art and the enjoyment of it.

Because of the great interest in the exhibition, the 1955 show will run for 10 days from Monday, March 14th through Wednesday, March 23rd inclusive. As in the past, there is neither an entry fee nor an admission charge.

The exhibition is open to the public. Enter your exhibit items with Public Interest Department, room 31, P.H. 4. Entry blanks will be posted on bulletin boards throughout the Medical Center in the near future. They may also be obtained in Public Interest Department, doctors' coat room, and at the information desks of all Hospital units, the College of Physicians and Surgeons, and Maxwell Hall.

Eligibility

1. All members of the staff and personnel of the Medical Center are eligible to display work in the exhibition and are invited to do so. We regret that, because of space limitations, it will not be possible to accept entries by the relatives of individuals working here.

2. Fine art work, including sculpture, paintings, and sketches, crafts, such as leather work, weaving, basketry, etc., and art photography will be welcome. However, medical art (clinical studies and the like) will *not* be included.

3. All work must be original. Exact copies of works of art are not considered original.

Limit on entry items

4. Each individual may enter three items in the exhibition. These need not be in the same category. If there is an exceptionally large total entry, the members of the committee reserve the right to choose for display the two best of an exhibitor's three entries.

Kodachromes

5. Kodachromes, no matter how many an individual enters, are considered as one entry. The total number of kodachromes to be on view will be determined by the capacity of the viewing boxes.

Mounting

6. Photographs must be mounted on 16 x 20 mat board and only one print to a mount. The prints must be at least 8 x 10 inches, but larger prints are preferred.

7. Paintings and sketches should be suitably-and-securely-framed or mounted. Heavier pictures should be wired in back to facilitate hanging.

Labeling

8. Each entry must be tagged with a slip giving the following information: title of the work; medium, category in which the item is entered; the name of the artist; the artist's Hospital or College title and department and telephone extension. A blank on which you can fill out this information will



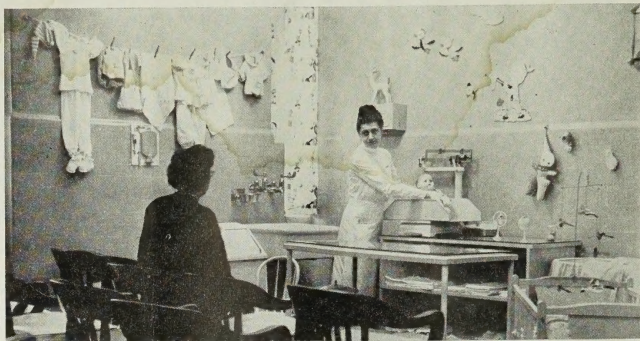
Technician Virginia Haas uses the minograph, a miniature chest X-ray, for a Vanderbilt Clinic patient. The machine, in the new Chest Survey Unit in Room 1-38, is expected to be used for all patients over 10 years of age admitted to the clinic.

(continued on page 8)

Dr. Cleveland heads P & S alumni's 1st annual fund

Dr. Mather D. Cleveland, orthopedic surgeon and consultant to the Hospital, is chairman of the first annual fund appeal of the Columbia University College of Physicians and Surgeons Alumni Association.

His appointment to this post was announced on January 6th by Dr. Henry A. Riley, chairman of the P & S Alumni Association, consultant to the Hospital and professor emeritus of neurology. At the same time, 70 leaders of Columbia's Bicentennial Fund for the Medical Sciences were awarded bicentennial medallions.



Anything and everything you expect to find in a model nursery is on display in the newly-decorated "mothers" classroom in room 54 on the 15th floor in the Sloane Hospital. This work was done by Miss Lottie M. Morrison, assistant director of nursing.

Dr. St. John, P. H. consultant, accompanies ex-President Hoover on western Germany visit

As friend and physician, Dr. Fordyce B. St. John accompanied former President Herbert Hoover on his recent visit to Western Germany as the guest of Chancellor Konrad Adenauer.

Chancellor Adenauer extended the invitation so that the people of the five-year-old republic could express their appreciation for the life-saving work accomplished after World War II by the second Hoover Relief Commission, which had urged the United States to aid the economic recovery of Western Europe and feed the German people.

Dr. St. John, consultant to the Hospital and professor emeritus of clinical surgery in Columbia University, and Dr. Ralph H. Boots, associate attending physician and associate clinical professor of medicine, have been Mr. Hoover's physicians for many years.

Mr. Hoover's party left from Idlewild Airport on November 21st in President Eisenhower's plane which he had lent for the trip. Flying over Paris, which the pilot circled so that Mr. Hoover could see the city, and across the Marne River, Dr. St. John was reminded of World War I when he had been commanding officer of Mobile Hospital (P.H.) No. 2 and Mrs. St. John had been the chief nurse. At Bonn's airfield, the plane was met by Chancellor Adenauer and American High Commissioner in Western Germany, Dr. James B. Conant, host to the visiting party.

The Hoover party visited Bonn, the towns of Godesberg, Stuttgart, Tue-

bingen, and West Berlin. Dr. St. John noted the enthusiastic and warm responses accorded Mr. Hoover by the people and officials who gathered in each place to hear the former president speak.

At Tuebingen's University, where Mr. Hoover received his 81st honorary degree, the gardener had nurtured a Hoover rose especially for the Thanksgiving dinner which followed.

For the physician, the trip included such interesting sidelights as a visit to Beethoven's birthplace, a tour of East Berlin and seeing the contrast in development between the western and Russian sectors, buying toys for Mr. Hoover's grandchildren and souvenirs for his own family.

As will happen to a medical man, Dr. St. John was called on to treat a member of the German Foreign Office with the "latest U.S. antibiotic." He reports an interesting talk with a woman physician who had just been elected to her second term in the German Federal Parliament.

Dr. St. John welcomed the opportunity to associate with "two of the outstanding statesmen of the world" and commented on the trip:

"I doubt if any one man has ever received more sincere and signal honor from a nation than Mr. Hoover received in one short week on this trip. From the sincerity of welcome in the eloquent words of the chancellor, the president of the Federal Republic, and the many other statesmen, dignitaries

and members of the press, to the humblest citizen, who just stood by the roadside with his head bared as Mr. Hoover's car passed, the evidence of true appreciation and deep gratitude was profoundly moving and, on this visit, the children sang."

Chapel Notes

Coming speakers for the Wednesday at 5:15 p.m. Vespers are:

February 2—Dr. Frank L. Meleney, chairman, P and S Club, Board of Advisors.

February 9—The Reverend J. Marguerite Twinn, B.D., personnel secretary, Methodist Church, Board of Missions.

February 16—The Reverend Donald Herb, director of the Lutheran Student Association, New York area.

March 2—Bishop Frederick Newell, presiding bishop of the Methodist Church in the New York area.

"Come to church and bring a friend" is a national slogan. An invitation embodying this idea is extended to Protestant members of the Medical Center Family who live in the Hospital or the neighborhood by Chaplain Robert B. Reeves Jr. This is the way his invitation might read:

Make the Pauline A. Hartford Memorial Chapel your church for a day and, by joining the "Chapel escort service," help make the 10:30 a.m. Protestant Sunday Worship Service available to patients.

Since last month, when the time of the service was changed to the morning hour, a need for volunteer escorts has arisen. Those wishing to serve are asked to call extension 8286.

Gay Christmas windows enliven Hospital from basement up to the twentieth floor

From the basement to the 20th floor the Hospital was brightened by an array of painted windows—a Christmas creativeness depicted by patients as well as staff.

Eye Clinic, with its stained glass entrance and panels, its organ, candles and "pews," took first prize as best expressing the spiritual nature of Christmas. The Clinic "Chapel" was a co-operative effort by every person on the staff. We doff our hats to their inventiveness which turned beer cans into organ pipes and their fine sense of detail which insisted that the open page of music on the "organ" could be played from the notes depicted.

Honorable mention for spiritual work to Emergency Admitting's Nativity stained glass window mainly done by Dr. Efrén Ramirez, intern on Medical Service, and his wife, and to Mrs. Robert E. Hall, wife of a resident on the Obstetrical and Gynecological Service, who, while a patient (awaiting the birth of twin sons) painted church scenes on the doors of PH 16 center.

Flying reindeer and veritable merry-go-rounds of Santas, stars, trees and balls lit up the ceiling of the gynecological research laboratory in room 604 in P & S. The mobiles, moved by fans and silhouetted in spotlights, took first prize for the most imaginative work. They also set the scene for the Department's holiday party. The mobiles were drawn by Andre Dugo, husband of Mrs. Dugo who is now working in the lab, and hung by Dr. Richard S. Banfield, assistant resident.

A dowager reindeer confounded an examining physician to the delight of a barefooted student nurse angel in the Harkness Pavilion Five window which won honorable mention. This was painted freehand by Mrs. Adele Bernstein, the daughter of a patient, Herman Eisenberg.

The staff of Fracture Clinic, third floor Vanderbilt, received honorable mention for their pictorial depiction of the Nutcracker Suite. There were Chinese dancers, flowers dancing and we must admit a weakness for the Arabian dance harem scene.

The jolliest category was the most fun to look on—what with tousled, straw haired angels sticking their tongues out on P.H. eight east and a pretty Tyrolean girl with a special "Merry Christmas" in room 507 on P & S 17.

These pictures, done respectively by the staff of eight east under the direction of Peggy Dunn, R.N., and Dr. Robert Salerno, surgical intern, and by Carolyn Schneider, research technician in surgical bacteriology lab, tied for the first place.

A collapsed Santa, carried to emergency by two of his reindeer, narrowly missed first place and received honorable mention. With it, on five center (Orthopedic Surgery) was the scene of Santa warming his toes at a pot-bellied stove and two reindeer who had eyes only for each other. These were the paintings of Mrs. Elizabeth Crawford, a volunteer who came from New Jersey on a Saturday morning to help finish the pictures.

Ceramic figures, made and contributed by Madeline Walsh, head nurse in Emergency Admitting, were again awarded to the winners.

And for all of those others who painted windows, remember each picture, from the top to bottom of PH, in Eye and Neurological Institutes, won the hearts and spirits of all.

From the chairman

Miss Elizabeth R. Callahan, unit manager of Babies Hospital who served as the chairman of the Christmas Committee, is extending, through Stethoscope, her thanks to all persons whose efforts contributed to the Hospital's Christmas—the unit managers and department representatives on the committee, individuals who decorated their offices and floors, and Housekeeping Department which handled delivery and return of the holiday trimmings, and Maintenance Department, which was responsible for setting up the outdoor trees.

Engaged

A wedding in the Spring is planned by Edna Fishburn, assistant head nurse on Babies Hospital nine, and Scott Halstead, fourth year student in the College of Physicians and Surgeons. Their engagement was announced at Christmas.

Wedding date set

Richard Glanville, elevator starter, and Mary Sullivan, nurses aide in Sloane Hospital, 16th floor, will be married on February 14th.

We are grateful

To the very many individuals whose gifts helped to make Christmas bounteous for child patients . . . and to those whose contributions to the Holiday Cheer Fund helped to spread cheer throughout the Hospital and all its units . . . we take this opportunity to say thank you.

Among those whose generosity was extended to the Hospital for Christmas 1954 are:

Gifts to Babies Hospital

Bank of Manhattan
Board of Women Managers of Babies Hospital
Miss Cynthia Binkert
Boy Scout Troop and Cub Pack #72X
Mrs. Charles P. Cooper
Miss Olga Esteroff
Miss Karen Lee Finlay
Harper's Bazaar
Miss Muriel Hart
IBM Club, world headquarters
Ideal Toy Corporation
Kiwanis Club, Manhattan West Side
Mr. Arthur Lange
Miss Edna Markoe
Miss Marion Marsh
Mr. Louis Marx
Miss Elsie K. Mitsch
Mr. Edgar A. Newberry
New York Telephone Co. employees
Miss Helen Reid
School of Dental and Oral Surgery
Mrs. Mel Saxon
Miss Nancy Shapiro
Miss Paula Slutzker
Miss Sarah E. Tremble

Gifts to Babies Hospital Social Service

Dobbs Ferry Needlework Guild
Kathryn Kay Toy Co. Inc.
Mr. R. H. Kress
Metropolitan Life Insurance Employees
St. George Association
Mutual Life Insurance Co. employees
Mutual Life Insurance Co.
New York Life Insurance Co.
New York State Maritime College
Ladies Group
Den S Pack 33 Cub Scouts
Pupils of Miss Hewitt's Classes
Pupils of P.S. 169
Pupils of P.S. 166—Class 6-410
Scout Troop 3-249
Miss Muriel Holland
Mrs. Eugene Holman
Miss Winifred Kaltenbach

Gifts to Holiday Cheer Fund

Mrs. Gertrude de Miranda
Mr. R. I. Emmet
Mr. David Evins
Miss Grace D. Hill
Miss Else Metzger
Mr. Charles Nahles
Mr. Samuel Schwartz
Miss Naomi Sloan
Mr. Samuel L. Slosberg
Mr. M. S. Wigginton

Alumni Directory is "work in progress"

A mammoth task, compiling a directory of current addresses and biographical sketches, of all the living alumni of Presbyterian Hospital and all its units, is now in progress.

Tracking down the information is the job of Mrs. Esther V. Stone, who is no stranger to the Medical Center Family. Last summer she completed an alumni directory for Babies Hospital. She calls that directory "a small forerunner of big things to come." For 20 years before that she served as secretary of the Pediatrics Department.

1955 exhibition

(continued from page 5)

be provided along with the entry blanks.

Entering your Exhibit

9. To give sufficient time for cataloguing and hanging the exhibit, all entries should be turned in to Public Interest Department, room 31, P.H. fourth floor, on or before Wednesday, March 9th. No entries will be accepted after this date.

10. If you have questions about the exhibit of your entries, please contact one of the committee members or call Pearl Barland of Public Interest Department, extension 7076 or 7064.

The Committee

Members of the committee are Dr. Meyer M. Melicow, assistant urologist, chairman, Dr. Henry S. F. Cooper, associate attending surgeon; Dr. George F. Crikelair, assistant attending surgeon; Dr. Samuel R. Detwiler, executive officer, Department of Anatomy; Dr. Frank L. Meleney, attending surgeon; Ivan Summers, medical artist; Sgt. Edwin H. Behlmer, Protective Department; Cecille Covell, assistant director of nursing; Mrs. Ruth Bogan, nurse technician in the Blood Bank.

New grandmothers

Mrs. Alice McClure, nurses aide in Doctors' Offices on Harkness Four, and Mrs. Stella Fahey, fluoroscopic aide on P.H. third floor X-ray, are proud of the fact that they became grandmothers last month. The father of the new McClure baby is John McClure, formerly an elevator operator here. Mrs. Fahey has another event to celebrate. She's just started on a four-month visit in Ireland.

Names Make News

Autographs

Autograph collectors seek the signature of film star Montgomery Clift. In Milbank Library last week, Mrs. Yolanda McKnight, librarian, discovered several dozens of these autographs, each inscribed in volumes of a boy's library that had been given to the Hospital.

The connecting link between Mr. Clift's books and the Hospital is his friend, Frank Williams, a medical student. When Mr. Clift decided to give away his boyhood books we were chosen as the recipient.

If you're wondering what a boy who later becomes a well-known actor reads, Mrs. McKnight will comment that his books are just what the typical young boy reads.

Mr. Clift's well-rounded collection includes such titles as "Red Prior's Legacy," "Boys of the Desert," books on history and mythology and a how-to do it, "Your Workshop."

P.H. practical nurses meet on 3rd Wednesday

An in-service program of lectures, demonstrations, films and discussion groups is being held for the Hospital's practical nurses on the third Wednesday of each month at 3:30 p.m. Meeting places are announced each month.

At the January 19th meeting, Mrs. Emily Malone, surgical supervisor, and Miss Evelyn Dries, surgical head nurse, conducted demonstrations.

Hilda M. Torrop, R. N., executive director of the National Association for Practical Nurse Education who is a leader in developing schools of practical nursing, spoke here on December 15th.

Marie Dolan, Harkness 11 annex, is chairman of the group; Irene Murphy, P. H. 12 east is vice-chairman; and Mrs. Minnie James, N.I. 5, is secretary. Retiring chairman is Mrs. Stella Anderson, Sloane 17.

Miss Dolan is also secretary of the Manhattan and Bronx Division of Practical Nurses of New York Inc.

Married

Joan Caplain, recreational therapist in New York Orthopaedic Hospital's children's section, was married on January 9th to Richard Perl, a salesman with the Bayonne Belt Corporation. The couple honeymooned in Bermuda.

Dental hygienists "capped" in Chapel

On February 1st in the Pauline A. Hartford Memorial Chapel, the dental hygienists of the School of Dental and Oral Surgery, held "capping" exercises for the 18 members of its Class of 1956. This ceremony marks the beginning of the future hygienists' clinical service. Dr. Frances A. Stoll, associate professor of dental hygiene and director of courses for dental hygienists, gave the welcome address.

Anne Kotsubo and Rita Burkevics, instructors in dental hygiene, presented the students' caps and Dr. Stoll outlined the dental hygienists' code of ethics. Dr. Maurice J. Hickey, associate dean of the school, spoke.

Mr. Degen resigns

Joseph W. Degen, administrative assistant in charge of buildings and grounds, resigned effective December 15th to accept a post as assistant director at Massachusetts General Hospital in Boston. He came to the Hospital as chief engineer in July 1942 and was named administrative assistant in June 1944.

On his last day here, "Joe" Degen's 23 closest associates in the Hospital presented him with exactly the right surprise farewell gift—a wrist watch. They felt it was the "right time" to replace his gold pocket watch and chain.

Proud parents

Dr. Joseph E. Snyder, assistant vice-president of the Hospital, and Mrs. Snyder, welcomed their second son, Richard Allen, on January 23rd.

Mr. and Mrs. Norman L. Peters welcomed a son, Owen Edward, on January 7th. Mr. Peters is assistant comptroller. The family now has two sons and two daughters.

Two Record Room "alumnae," Mrs. Irene Walko and Mrs. Audrey Bender, are new mothers of daughters. Janice Marie Walko was born January 3rd; Susan Bender on December 10th. Both mothers had been clerks in the chart assembly section.

Muriel Katchen, social worker in Neurological Institute, became the bride of Benjamin Reid, who works with a building supply firm, on December 5th. The Reids went to Lake Placid and Quebec City on their wedding trip.

The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

Volume 10, No. 2

February, 1955

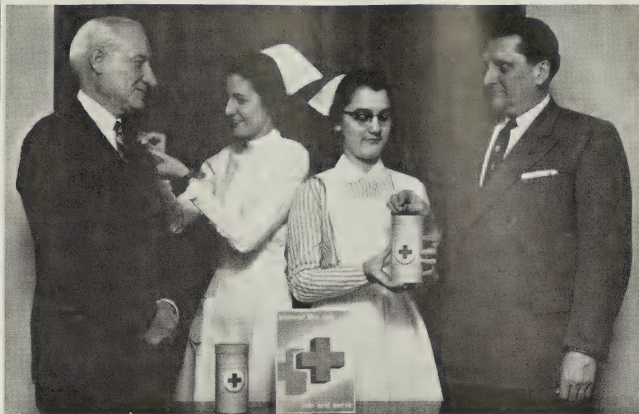
P. H. 25-Year Club will welcome 38 members

Thirty eight persons will become members of the Hospital's 25-Year Club on Tuesday, March 29th, when the club holds its annual dinner in Bard Hall.

This group of "quarter century" members of the Hospital Family includes 15 on the medical staff, 19 on the personnel staff, a member of the Board of Trustees, and three members of womens' auxiliaries.

Members of the club, which was incorporated last year, are arranging for the annual program. Committee chairmen appointed by Dr. Franklin M. Hanger, president of the club, are:

Miss Marion D. Cleveland, R.N., entertainment; Dr. David C. Bull, nominations; Mrs. Dorothy Barry, reception; Miss Elizabeth R. Callahan, seating arrangements, and Miss Marjorie Peto, R.N., publicity.



First contributions to the annual drive for the American Red Cross, held by the Junior Class of the School of Nursing, were made by Dr. Willard C. Rappleye, dean of the Faculty of Medicine, to Miss Beatrice Dorbacker, faculty advisor to the class, and by Alvin J. Binkert, vice-president and general manager of the Hospital, to Ruth Ross, student co-chairman. Mrs. Shirley Holman is the other co-chairman.

Close to 1,700 "tour-ists" see Medical Center

Myung Koo Kang, an architect seeking a long-term solution to South Korea's construction problems, was one of the almost 1,700 visitors who signed the guest book in the Public Interest Department and toured the Medical Center last year.

Of these visitors, 204 were doctors; 328, nurses; 691, students; 74, teachers; 29, technicians, and 332 were of varied professions and activities.

Among our 1954 visitors were the president of the World Medical Association, exchange students from 26

countries throughout the world and American students from 29 states; physicians from Australia, Formosa, Turkey and most European countries; United Nations representatives from Asia, Africa and Europe.

We've been viewed by the matron of an Indonesian hospital, a supervisor of nursing in the Belgian Congo, three midwives from the British West Indies, nurses from Australia, Israel, South America and Europe and the director of Spain's largest hospital.

(continued on page three)

Step right up everyone . . . The show's about to begin!

Would you like to go to the circus?

Visiting the "big tent" in Madison Square Garden is becoming an annual outing for the secretaries, and nurses in the Squier Urological Clinic and in fourth floor doctors' offices. They think a circus is twice as much fun when you have a child with you, especially a child who has never before been under the big top nor watched clowns tumble, seen acrobats swirl and become happily sick on pink cotton candy.

(continued on page two)

Come to the Medical Center's

1955 Annual Arts, Photography and Crafts Exhibition

Enter your exhibits with
Public Interest PH 4-32

March 14th-23rd
Personnel dining room

Published Monthly by the Employees of
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Photographs, unless otherwise credited, are by Manny Warman.

A sitting vote of thanks

The Presbyterian Hospital Women's Auxiliary opened a women's lounge on the 20th floor last March, a pleasant, sunny room, later named The Rendezvous.

Loafing over there one day, I fell to wondering what the name actually meant, and whether the room lived up to its name. So, off to consult Mr. Webster, and this is what I found:

"Rendezvous, a place appointed for a meeting." Fine. How often do we say, "Let's meet at The Rendezvous this noon and have a little breeze."

Or (again Mr. Webster, with an older meaning), "A retreat." Never mind the age of the meaning; it fits, too. You know that feeling, "Everything's been snafu this morning; I'm going up to The Rendezvous for a little peace and quiet."

So that's the name, and the room lives up to it. Satisfied, I returned to my easy chair. "Really," I thought, "those of us who use this room ought to extend a vote of thanks to the Presbyterian Hospital Women's Auxiliary—but not a standing vote, please—we are too comfortable. Let's make it an enthusiastic sitting vote!"

—A well-rested loungeer—

Two Columbia schools are combined to meet changing needs in the public health field

On July 1st, there will be a new name at the Columbia University schools here at the Medical Center. It will be the School of Public Health and Administrative Medicine, a merger of the 34-year-old School of Public Health and the five-year old Institute of Administrative Medicine.

The merger, announced this month by the University's trustees, is in response to changing needs and new developments in the public health field.

The Faculty of Medicine, under whose aegis the newly integrated school will operate, recommended the change in recognition of the fact that future public health administration will include the administration of medical care plans, prepayment hospital and medical insurance and hospital administration.

Dr. Trussell named

Executive officer of the combined school will be Dr. Ray E. Trussell, founding director of the Hunterdon Medical Center, which was started in Flemington, New Jersey in 1950, and clinical professor of preventive medicine at New York University-Bellevue Medical Center since 1951.

Dr. Trussell also has been appointed DeLamar professor of administrative medicine and associate dean for public health in the Faculty of Medicine.

The appointments are effective July 1st.

A 1935 graduate of the University of Iowa, Dr. Trussell received his medical degree there in 1941, interned at the University Hospital in Iowa City. Dr. Trussell, since receiving his master of public health degree in 1947, has served as a Rockefeller Foundation fellow at Johns Hopkins School of Public Health, epidemiologist with the New York State Department of Health for which he developed a program of improved standards for care of newborn infants, and as head of the department of preventive medicine at Albany Medical College.

Dr. Harold W. Brown, associate dean for public health since 1945, and director of the School of Public Health since January 1951, resigned these positions effective June 30th but will continue as professor of parasitology.

Step right up everyone . . .

(continued from page one)

This idea of taking one of the clinic children to the circus is a strictly personal form of therapy. Three years ago two of the clinic's staff took two youngsters and the next year four took four. On April 23rd 15 persons on the staff are adopting this double-the-fun way of going to the circus.



"Graduates of the Hospital's fourth four-week refresher course for graduate nurses are shown above practicing bedside oxygen techniques. They are, left to right, Mrs. Ann Cronin, graduate of New York Post-Graduate Hospital; Mrs. Dorothy Lee, Bellevue Hospital; Mrs. Anna Lakoff, Beth Israel Hospital, Newark; Mrs. Sylvia Crowe, Bellevue Hospital; Mrs. Vivian Peterson, Brooklyn Hospital; Mrs. Emma Bamber, Northwestern Hospital, Minneapolis; Mrs. Florence Hart, Lincoln Hospital; Mrs. Amelia Rogers, St. Vincent's Hospital, Worcester, Mass.; Mrs. Gladys Mosser, Cambridge Hospital, Cambridge, Mass.; and Miss Petra Diaz, Ryder Memorial Hospital, Humacao, Puerto Rico. The end of their classroom session was noted at a tea on February 24th in the private dining room.

A musical interlude for the Medical Center Family

All at the Medical Center are invited to attend a concert on March 8th at 8 p.m. in Bard Hall.

A revival of the "musical programs" which were presented regularly in Bard Hall several years ago, the concert will feature three members of the Medical Center Family:

Dr. Hans T. Clarke, professor and executive officer of the Department of Chemistry, will play the clarinet.

Dr. Jean E. Thin, on the cello, is a visiting fellow from France, who works with Dr. Franklin M. Hanger, attending physician and professor of medicine.

And Byron Hardin, member of the Class of June 1956 of the College of Physicians and Surgeons, at the piano.

The three, brought together by their interest in music as well as medicine, have practiced in each other's homes. Dr. Clarke and Mr. Hardin performed at the P&S Club's Christmas party program last December.

Their program is:

Trio in B Flat Major for piano, clarinet and cello	
Opus 11.....	Beethoven
Sonata in G Minor for cello and piano	
Opus 5 No. 2	Beethoven
Trio in A Minor for clarinet, cello and piano	
Opus 114	Brahms



Trio of "medical" musicians who will perform at the March 8th concert. Left to right are Dr. Hans T. Clarke and clarinet, Byron Hardin at the piano and Dr. Jean E. Thin with cello.

Brazilian consul visits the Medical Center

Strains of Cielito Lindo played on a mandolin caused folks to peek into H.P. 3-room 66 on February 10th. Inside, the patient, Nair Café, strummed happily as, in rapid Portuguese, she chatted with Doña Dora Vasconcellos, Brazil's deputy consul in New York.

Doña Dora, as one of Brazil's highest ranking diplomats in the United States is known, and Nair became "old friends" during the past year when the last of a series of operations was performed in the United States on Nair's leg. Nair was admitted to the Hospital on February 7th.

The war-time tragedy and heroism which cost Nair her leg happened ten years ago. Nair and her family were among 800 passengers aboard a Brazilian passenger liner traveling from the northern to the southern part of that country. A Nazi submarine torpedoed their ship when it became lost from its convoy.

Recovering consciousness in the ocean, Nair, her leg broken in three places, held on to a piece of driftwood. Holding on to Nair's leg was a five-year-old girl. They kept afloat for 72 hours, until sighted by an American freighter. Neither Nair's nor the child's parents were among the five survivors.

Elected trustees of 'outside' organizations:

Blood Transfusion Assn. names Alvin J. Binkert

Alvin J. Binkert, vice-president and general manager of the Hospital, was elected to the Board of Trustees of the Blood Transfusion Association at its February 10th meeting.

Other hospital organizations of which Mr. Binkert is a member are the American College of Hospital Administrators and the Greater New York Hospital Association, to whose Board of Governors he was elected recently.

1,700 "tour-ists"

(continued from page one)

Many more visitors were personal guests of staff members. Each looked for ideas to make his own hospital better. It appears, from the increase over 1953's 1,199 visitors, that our "tour-ists" do find a cordial reception here.

But February 10th in Harkness Pavilion marked the thought of happier times. Doña Dora presented Nair with a check for \$6,000, contributed by the people of Brazil when a newspaper printed an article about her.

For Nair this generous gift means the return to her medical studies which were interrupted by her experience.

Dr. J. Lawrence Pool elected by Museum

Dr. J. Lawrence Pool's election as a trustee of the American Museum of Natural History was announced on February 5th. Dr. Pool is director of Neurological Surgery Service and professor and executive officer of that department in Columbia University.

He is also a member of the Board of Scientific Directors of Yerkes Laboratories of Primate Biology.

Vesper Speakers

Coming speakers for the Wednesday at 5:15 p.m. Vespers are:

March 9—The Rev. John M. Krumm, chaplain, Columbia University.

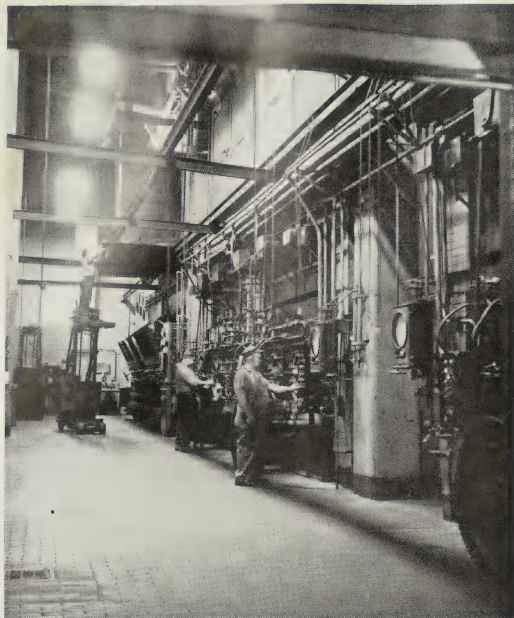
March 16—Dr. James Muilenberg, professor of Old Testament, Union Theological Seminary.

March 23—Bishop Frederick B. Newell, D.D., bishop of New York area of the Methodist Church.

March 30—The Rev. Thomas D. Walker, pastor of the First Presbyterian Church, New City, N.Y.

April 6—The Rev. Robert B. Reeves, Jr., chaplain, Presbyterian Hospital.

April 13—Robert Stuckey, co-chairman of the Vesper Committee.



In the Boiler Room, 35 feet below street level, three oil boilers roar round-the-clock to furnish heat, hot water and steam for the Hospital and all its units. Four men are on duty on the day shift with two men on each of two night shifts. About 8,000 gallons of oil are consumed per day.

Deep in the Hospital, in the Power House more than 35 feet below street level, is the heart of our physical plant. Here the 44-man crew directed by John Bolger, chief engineer, works 24 hours a day every day to provide the Hospital with heat and power.

Their work is part of the Operation and Maintenance Department along with Maintenance and Construction Department.

In the Boiler Room, Louis Perrone, engineer, and his men see to it that three oil boilers roar at full blast winter to provide not only a constant pleasant temperature throughout the Medical Center, but hot water and steam for general use.

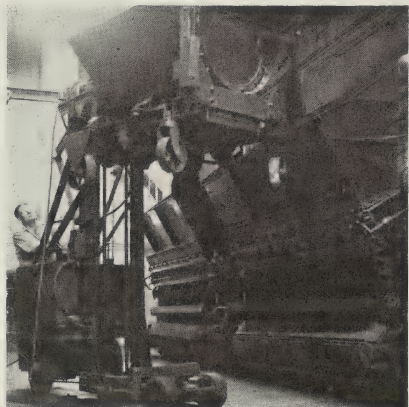
The boilers "drink" an average of 8,000 gallons of oil a day. The steam, at 150 pounds pressure per square inch, goes from the boilers through pipes out into the network of underground tunnels. These well-known tunnels provide passageways for Hospital traffic that are impervious to weather.

Available for emergency or switch-over use are two oil boilers, each consuming from 30 to 35 tons per day when they are in use. The ash tunnel one floor below the oil boilers is intriguing for two reasons—it is the deepest shaft in the Medical Center (45 feet below street level) and because it has its own "underground railway."

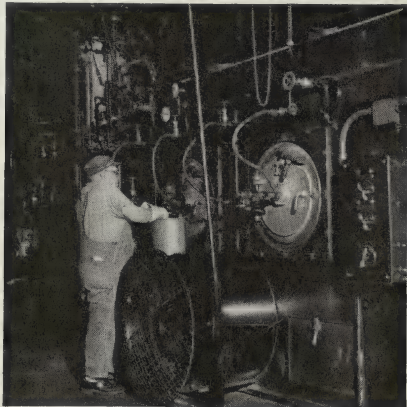
Bill Herzog, called the "refrigerator man" by his co-workers, notes that there are about 700 refrigeration units in the Hospital and his men are kept busy checking and repairing the individual pieces of refrigeration equipment.

Every once in a while though, Bill and his men find that the "repair" job is an especially easy one—the unit didn't work because no one noticed that the electrical plug had fallen out of its outlet.

Off to one side of Mr. Bolger's office is the engineers' storeroom where Winfield "Rags" Ragsdale presides over some 14,000 items. In his department, a branch of Purchasing



Louis Perrone steers the high-low "truck" which brings more than 1,300 pounds of coal per trip, lifting that 20 feet into the boiler's hopper.



Fireman Pedro Rico changes the burner on one of the oil boilers.



Watch Engineer Robert on the water pumps.

Mr. Ragsdale has been accustomed to having his "custom-
" call for such things as "pigtails" and "mousetraps,"
electricians' lingo for special parts.

The sub-basement floor is headquarters for the main
switch through which flows the electrical current that pro-
vides our lighting, all our electrically operated equipment
and our ever-alert fire alarm system.

The Hospital uses more than a million kilowatt hours
per month. An average family uses 300 kilowatt hours a
month.

Next month Stethoscope will go behind the scenes in the
machine shop and with the people doing maintenance and
instruction.)



Richard Doran lifts a special Boiler Room wrench weighing 29 pounds.



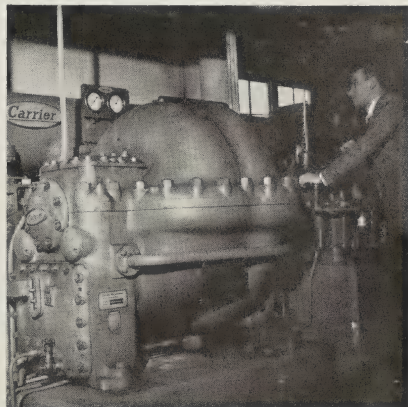
Henry Torres is in the ash tunnel, unique as the Hospital's deepest point
and for its "railway."



Connors inspects one of the many



Richard Connors analyzes the boiler water for chemical
treatment.



Air-conditioning for operating and delivery rooms is pro-
vided by this machinery on the 22nd floor. Walter Wood-
bury inspects this equipment.

On the speakers' platform

Slightly tinged with envy, we note that several on the staff traveled to warmer climes to deliver addresses this month.

In the Dominican Republic *Dr. J. Lawrence Pool*, director of Neurological Surgery Service and professor and executive officer in that Columbia University department, gave four lectures on neurosurgery at the University of Santo Domingo. The invitation to speak was extended to him by the government of the Republic through the Public Health Office of that country.

Urges hearing tests

Dr. Edmund P. Fowler, Jr. was in Miami Beach January 20th to 23rd for the University of Florida's midwinter seminar on ophthalmology and otolaryngology. *Dr. Fowler*, director of Otolaryngological Service and professor and executive officer in the University, urged pediatricians to "recognize the need to test children's hearing when they are young enough for something to be done if hearing loss is discovered." He recommended that inexpensive audiometers be standard equipment in pediatricians' offices.

In Texas

At the International Medical Assembly of Southwest Texas in San Antonio, *Dr. George F. Cahill*, director of Urological Service and professor and executive officer in the University, gave a lecture on cancer of the bladder.

Memorial oration

On January 24th, another member of that Service, *Dr. John K. Lattimer*, delivered the B.A. Thomas Memorial Oration before the Philadelphia Urological Society. His subject was "New development in the treatment of kidney tuberculosis."

New drug

Metacortandracin, a new drug being tested for its effectiveness against rheumatic conditions, was discussed by *Dr. Felix E. Demartini*, assistant physician and assistant in medicine, at the annual conference of institutions participating in rheumatic diseases research programs sponsored by the Masonic Foundation for Medical Research and Human Welfare. *Dr. Demartini* noted that research at the

Medical Center confirms favorable reports that metacortandracin may be more effective and have less toxic effect than older anti-arthritis drugs such as cortisone. The meeting was held January 14th and 15th at the Strong Memorial Hospital in Rochester, New York.

On allergies

A "skin-sensitizing" antibody appears to be manufactured in the blood of persons developing allergies to asthma and hay fever, *Dr. William B. Sherman* told the American Academy of Allergy at its eleventh annual meeting on February 8th in the Statler Hotel. *Dr. Sherman*, who is an assistant attending physician and associate professor of clinical medicine, spoke at a seminar on "Recent Advances in Hypersensitivity." He said that the sensitizing rather than protective action of these skin-sensitizing antibodies may be caused by inherited faults in the body's defense against disease.

Polio experiments

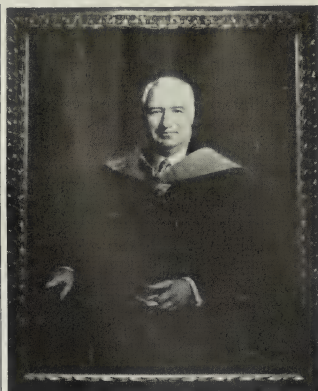
Dr. Hattie E. Alexander, attending pediatrician and associate professor of pediatrics, discussed experiments with polio viruses being made here at a conference on polio of the New York Academy of Science on January 21st. She described current investigations in which different types of polio germs are being "mated" in an effort to produce new polio viruses that would be useful in making vaccines.

Academy symposium

A symposium, held by the New York Academy of Sciences on January 26th and 27th, was conducted by *Dr. Joseph W. Jailer*, assistant attending physician and associate professor of clinical medicine. "Hydrocortisone, its new analogues and aldosterone" was the topic.

Dr. Meloney's article notes journal's 50th year

An article by *Dr. Frank L. Meloney*, attending surgeon and professor of clinical surgery, was the first in a series of 12 articles which note the 50th anniversary of "Surgery, Gynecology and Obstetrics." His article reviewing progress in the control of surgical infections during the past 50 years appeared in the January issue of the journal.



Dean Rappeleye—a portrait

Dean Rappeleye's portrait is unveiled in Bard Hall

A portrait of *Dr. Willard C. Rappeleye*, dean of the Faculty of Medicine and vice-president in charge of medical affairs, Columbia University, was unveiled on February 2nd in Bard Hall. The painting, by *Paul Trebilcock*, one of America's foremost portrait painters, was a gift to the University by an anonymous donor.

More than 200 persons attended the ceremony during which *Dr. Grayson Kirk*, president of Columbia, unveiled the picture and presented it to the Faculty of Medicine. Official acceptance was by *Dr. Aura E. Severinghaus*, associate dean and secretary of the Faculty of Medicine.

Orthopedic surgeons attend annual meeting in California

The 22nd annual meeting of the American Academy of Orthopaedic Surgeons, held January 29th to February 3rd in Los Angeles, was well attended by members of the Hospital's orthopedic surgery staff.

Dr. Alan DeForest Smith, director of the Service and executive officer and professor of that department in the University, gave a course on "Lumbosacral Fusion." Other courses were given by *Dr. Halford Hallock*, attending surgeon and professor of clinical orthopedic surgery, on "Arthrodeses of the Foot;" *Dr. William H. Von Lackum*, associate attending surgeon and assistant clinical professor, on

(continued on page seven)

**Dr. Charles S. Houston,
P&S '39—P.H. '41, recounts
his expedition up K2**

The dramatic story of eight men who survived a nine-day onslaught by an 80-mile blizzard while 25,500 feet up on K2, one of the world's most difficult mountains to scale, was the basis of two recent talks at the Medical Center. Dr. Charles S. Houston, a 1939 graduate of the College of Physicians and Surgeons and then a resident on Medical Service until 1941, told of his experiences as leader and physician of the Third American Karakoram Expedition, which in 1953 almost conquered K2, the second highest mountain in the world. He spoke on February 5th before the Combined Clinic on "Physiological Problems of High Altitudes" and on January 29th in Delafield Hospital on "Acclimatization to 25,000 feet in Man in High Altitude Chamber and on K2."

The party's climb without oxygen, their hardship with little food and fuel during the monsoon, and their descent amid avalanches and gale winds, experiences unparalleled in mountain climbing history, are related in detail in his book, "K2 The Savage Mountain."

Orthopedic surgeons

(continued from page six)

Scoliosis;" and Dr. Mather Cleveland, consultant and professor emeritus, on "Intracapsular Fractures of the Femoral Neck."

Presenting their paper on "The Effect of Anticoagulant Therapy on Bone Repair" were Dr. Frank E. Stinchfield, attending surgeon and professor of clinical orthopedic surgery; Dr. Balu Sankaran, senior clinical fellow; and Dr. Robert L. Samilson, junior Annie C. Kane fellow.

Dr. Frederick S. Craig, assistant attending surgeon and instructor, had a scientific exhibition, "Craig Vertebral Body Biopsy Kit."

Also attending the meeting were Drs. Leonidas A. Lantzounis, attending surgeon and clinical professor; Dr. Charles S. Neer, II, assistant attending surgeon and instructor; Dr. D. Keith McElroy, assistant attending surgeon; Drs. Herman Gladstone, Alexander D. Papas and Horace I-sen Yu, all assistant attending surgeons in Vanderbilt Clinic, and Dr. Daniel M. Winters, junior Annie C. Kane fellow.



Three eagle scouts who plan to study dentistry were guests of the Medical Center on February 10th, Community Leadership Day. After a tour of the Hospital they visited the School of Dental and Oral Surgery, conducted by Dr. Joseph A. Cuttita, chairman of the committee on admissions to the school and assistant professor of dentistry. The scouts are, left to right, William Kopp, senior patrol leader of Troop 121, Brooklyn; Robert Hollander and Paul J. Osher, junior assistant scoutmasters of Troop 267, Queens.

C-P.M.C.—TV

"Horizons," Channel 7 documentary telecasts on advances in medicine, presented three Sunday evening programs from the Medical Center:

Laboratory approaches to research on rheumatoid arthritis on January 23rd with Dr. Charles A. Ragan, Jr., associate attending physician and associate professor of medicine; Dr. Karl Meyer, chemist on Medical Service and professor of biochemistry; and Henry D. Grossfeld, research assistant in the Department of Medicine.

On January 30th the exsufflator with negative pressure, the "mechanical cough chamber" of Dr. Alvan L. Barach, associate attending physician and clinical professor of medicine. With Dr. Barach were Dr. Gustav J. Beck, assistant physician and instructor; Dr. Hylan A. Bickerman, assistant physician in Vanderbilt Clinic and associate; and William Smith, technician.

On cerebral palsy, February 27th, with Dr. H. Houston Merritt, director of Neurological Service and professor and executive officer of that department; Dr. Abner Wolf, attending neuropathologist and professor; Dr. David Cowen, associate attending neuropathologist and associate professor; and Lester M. Geller, instructor in neuropathology.

"Horizons" is presented by Ciba Pharmaceutical Productions Incorporated in cooperation with the American Medical Association.

"Search for Sanity," a "March of Medicine" telecast filmed in part at New York State Psychiatric Institute and Hospital, recently received a citation from the National Association for Mental Health. The award, for "outstanding contribution to public understanding of the problem of mental illness," was given to the American Medical Association and Smith, Kline & French Laboratories, sponsors of the television series.

Miss Mutch meets Iran's Shah

"He's a quiet-spoken man interested in hospitals" is the way Miss J. M. Ada Mutch, assistant director of nursing and assistant professor, describes her meeting with the Shah-en-Shah of Iran.

She and Dr. Allen O. Whipple, consultant to the Hospital and former director of Surgical Service and professor emeritus, were among the 11 members of the Medical Advisory Council of The Iran Foundation, Inc. who met in private audience with the Shah on February 10th in his suite at the Waldorf Towers. Miss Mutch is chairman of the Foundation's nursing committee and the only woman on its medical council.

The May opening and plans for Nemazee Hospital, part of the modern medical center being built in Shiraz, Iran, were discussed. An operating room team is on leave from Presbyterian Hospital to train an Iranian staff for that hospital.

Proud Parents

Dr. and Mrs. Herman Schwartz welcomed their third son, named Raymond, on February 15th. Dr. Schwartz is assistant anesthesiologist and assistant professor.

Mrs. Rose Simon, office manager for P.H. Social Service, is pleased with her new granddaughter, Valerie Ann Seckler. Her daughter, Mrs. Constance Seckler, was formerly recreational therapist on B.H. 12.

And then, there are two gentlemen who recently gave their daughters in marriage—Dr. Rudolph N. Schullinger, attending surgeon and associate professor of clinical surgery, and Dr. William Barclay Parsons, consultant to the Hospital and professor emeritus of clinical surgery.

On sick leave

Lots of "get well quick" wishes were sent to Elizabeth R. Callahan, unit manager of Babies Hospital, and James (Jimmy) Wallace, chauffeur at Mary Harkness Convalescent Home, both Hospital patients this month.

We're glad to see Bob Lutz up and around again. Formerly an orderly in Neuro operating room, Bob went on the job in P.H. o.r. after several weeks sojourn on 14 west. Mary McHugh, nurses aide on 7 east, asked us to be sure to thank all the folks on 10 west whose care and interest aided in her recovery.

Back on her job in the Comptroller's Department on February 14 was Mrs. Elma Poyhonen. Her two-week illness caused her to miss her daughter's performance on the accordion at a special student's recital.

Out sick for the first time since 1946 was Gerry Walker of Purchasing Department. He returned on February 21st after a week's illness.

'Extras' at M.H.C.H.

Entertainment at Mary Harkness Convalescent Home, through the generosity of the Women's Auxiliary of the New York Orthopaedic Hospital and Dispensary, now includes movies every Wednesday afternoon. Projectionist is Edna Bambay, occupational therapist.

A piano recital was presented recently by the young students of Ethel Kubricky who is a ward assistant in Strong Memorial Wing.



At Mrs. Gauthier's party

Agnes Gauthier, Albert Lewis are retiring on March 1st

A surprise birthday and retirement party was given on February 18th for Mrs. Agnes Gauthier, a maid in House-keeping Department for almost 18 years. Her co-workers in Babies Hospital, with Elizabeth Zimmerman and Anderson Lewis as chairmen, gave the party. Although she has no immediate plans except for raising flowers in her apartment at 54 Audubon Avenue, Mrs. Gauthier is looking forward to visiting her sister's farm in Iowa.

Attending the party were Dan Maloney, Mrs. Zimmerman, Charles Callaway, Leona Adams, Rena Kelly, Hattie Flood, Isolene Scott, Florence Lawson, Myrtle McCoy, Frederica Smith, Pat Hunt, Ernest Scott, Vincent Gould, Arthur Banks, Mr. Lewis and Delmar Bridges.

Albert Lewis likes the thought that he will have a lot of time during his retirement to spend with his grandchildren although he thinks that he wants to "vacation" only until April and then find a part-time job to keep him occupied. "Al" will be more familiar to the Hospital's night staff. He was an operator on the night elevators for seven years until he switched to days 18 months ago. Mrs. Lewis will continue on her job as floor secretary on Sloane 16. The Lewis home is in Ridgefield Park, New Jersey.

NAME PRESBYTERIAN

Throughout March, Lewis & Conger, the 45th Street and Sixth Avenue firm known for its unusual items for the home, donates 10 per cent of each purchase to charitable organizations named by the customer at the time of purchase. So, if you're shopping there, name PRESBYTERIAN HOSPITAL—or any of its units.

New faces seen about the Hospital

Starting on February 1st as supervisor of Sterile Supply was Robert McComas, a native of Baltimore, Md. He comes to the Hospital just a month after receiving his discharge after four years in the medical department of the Air Force during which time he was in charge of sterile supplies for Bolling Field Air Force Hospital in Washington, D.C. While in the Navy from 1948 to 1950, Mr. McComas was stationed at the National Naval Medical Center in Bethesda, Maryland. While in the service, he also completed liberal arts college courses.

In the Volunteer Department, Mrs. Louise Barnett is the new assistant to the department director, Laura Vossler. Under the sponsorship of the Women's Auxiliary of Presbyterian Hospital, she is taking a Teachers College course, Columbia University, for special training of persons who work with volunteers.

Mrs. Barnett's hobbies include amateur dramatics and folk dancing. She was with the monthly publication "Foundation for the Study of Cycles" before coming to the Hospital.

In Public Interest Department's fund raising office is Mrs. Janet Weissborg who formerly worked with the American Public Health Association.

A new figure about Mary Harkness Convalescent Home is Mrs. Jean Cleary, a graduate of St. Luke's Hospital School of Nursing.

Preparing for a future career in hospital administration is Richard Ott one of two new registrars in Harkness Pavilion admitting. Recipient of a 1953 bachelor of arts degree from Columbia College, he's taking courses for a degree as master of business administration at Columbia University. An outdoor man who likes hunting, fishing and golfing, Mr. Ott has worked several summers in an upstate hotel and is a reserve second lieutenant in the medical corps of the Air Force.

On duty in Harkness Admitting during the early morning hours is Charles H. Carter, who is working on a Columbia B.A. in history.

Mrs. Arline Waagen started as a member of Neurological Institute Social Service staff on February 3rd. Mrs. Waagen hails from Duluth, Minnesota and trained in social work at the University of Southern California. She and Mr. Waagen have two young sons.

The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

Volume 10, No. 3

March, 1955

Greetings to the Medical Center's first scientific journal: The Bulletin of the Sloane Hospital for Women

The birth of a new publication in the medical field is always an event. But the appearance this week of the "Bulletin of The Sloane Hospital for Women in the Columbia-Presbyterian Medical Center" has a special meaning here. For this first edition of a new quarterly publication in the field of obstetrics and gynecology is also the first scientific publication of its kind reporting work of the Medical Center staff and its alumni.

An idea of the Sloane staff for more than a decade, the Bulletin's editorial "First Cry" explains its purpose:

"To assert the heritage of The Sloane Hospital... the original pioneer institution that has been synonymous with the best in matters that pertain to that area of medicine concerned with the reproductive function in the female... especially in the eyes of those who have been intellectually nurtured within its walls... To know what goes on in the present Sloane, what our thinking is about this or that aspect of the specialty and what we plan to do in the future..."

One hundred per cent of the alumni answering a questionnaire sent out last August favored starting the journal.

Editors of the new Bulletin are Dr. D. Anthony D'Esopo, attending obstetrician and gynecologist and professor of clinical obstetrics and gynecology, Dr. Harold M. M. Tovell, assistant obstetrician and gynecologist and instructor, and Dr. Robert E. Hall, chief resident on the service.

The Bulletin's contents will include abstracts of the more important publications of the Sloane staff, clinical, research and case reports, and professional correspondence or original articles by alumni of Sloane. Its circu-

(continued on page three)

Bulletin of The Sloane Hospital for Women

IN THE
COLUMBIA-PRESBYTERIAN MEDICAL CENTER
NEW YORK CITY



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D. ANTHONY D'ESOPPO M.D.

Assistant Editors

HAROLD M. M. TOVELL, M.D.

ROBERT E. HALL, M.D.

A reproduction of the Bulletin's first cover, which is in Columbia blue

Mrs. Yale Kneeland, Hospital trustee, dies

A 40-year association between Mrs. Yale Kneeland and the Medical Center ended with her death on February 23rd at the age of 86.

A member of the Hospital's Board of Trustees since 1939, Mrs. Kneeland was chairman of the Vanderbilt Clinic for 23 years. Mrs. Kneeland's first association was in 1909 when she was a volunteer aide in the clinic's roof-top day camp for tuberculous children. She

also served on the clinic's Board of Managers and was the first to engage social workers in conjunction with certain specialty clinics.

In 1946 the Women's Auxiliary of the Presbyterian Hospital, an outgrowth of the clinic auxiliary, elected Mrs. Kneeland its honorary chairman, a position she held until her death.

Mrs. Kneeland's two children are

(continued on page two)

March 1955

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Photographs, unless otherwise credited, are by Manny Warman.

Where there's smoke... there may be fire!

Even the "heaviest" smokers are sometimes distressed by that grey cloud that rises from a small cigarette and seems to completely fill the air. Because careless smoking is often an irritant to many patients and potentially a fire hazard, the Medical Board urgently asks all members of the Medical Center family to comply with the following new smoking regulations.

1. *Smoking is permitted in doctors' private offices, dining rooms, lounges, and other specifically designated areas.*

2. *Smoking is permitted by patients in single bed rooms and between the hours of 7 a.m. and 9 p.m. in all multiple rooms and wards subject only to Regulation No. 3 below.*

3. *Smoking or openly carrying unlighted cigars, cigarettes or pipes is not permitted:*

a. In corridors, elevators, operating room areas, nurses' stations, anesthesia rooms and treatment rooms.

b. In any room or ward in proximity to an oxygen tank or tent.

c. In all areas where there are open containers of inflammable materials.

4. *Smoking is permitted in doctors' stations but smoking must not be continued if physicians go into the ward, corridor or nurses' station. If the privilege of smoking in doctors' stations results in smoking outside of these*

Dr. John G. Hawley

Most of Dr. John G. Hawley's professional life was spent at the Medical Center. Dr. Hawley, an assistant physician in the Hospital and assistant in Columbia University, died on February 22nd, at the age of 34.

He began his medical studies in the College of Physicians and Surgeons in 1943, and, after being interrupted by illness, completed his course in 1948. Finishing a year's research in cardiac physiology in Cleveland, Dr. Hawley then was on the Medical Service's house staff for three years, undertaking clinical research in the problem of cold agglutinins.

Continuing his Medical Center affiliations, Dr. Hawley in 1953 also became a member of the staff of Englewood Hospital, New Jersey, and served as a member of the Medical Department at Columbia University, 116th Street.

In extending his colleagues' sympathy to his family, Dr. Helen Ranney said at the memorial service for Dr. Hawley on February 25th in The Pauline A. Hartford Memorial Chapel that "We came to respect his fine intellect, to rely upon his keen sense of responsibility and to enjoy his quiet charm, his sense of humor and his capacity for loyal friendship." She added that the staff here has "a clear and striking memory of a strong man who looked squarely at the inevitable for many years, who walked near the shadows with love and gaiety and with high courage and hope."

Harold F. Miller

Harold F. Miller, head elevator starter since October 1947, died on February 27th after a short illness.

Before joining the Hospital Family, Mr. Miller was a lieutenant on the police force attached to the Norden Bombsight Development Project.

Active in Hospital events, Mr. Miller was a Stethoscope reporter from December 1947 until his death and was an officer in the stamp club.

limited areas, this permission may have to be withdrawn in the future.

5. *Smoking in the presence of patients.* Smoking while talking to patients is to be discouraged at all times and is not permitted except in the doctor's private offices or private rooms of patients.

Mrs. Yale Kneeland

(continued from page one)

members of the Medical Center staff. They are Dr. Yale Kneeland, Jr., attending physician, member of the Medical Board and associate professor of medicine, and Dr. Virginia Kneeland Frantz, attending surgical pathologist and professor of surgery.

Dr. Alwin M. Pappenheimer

Dr. Alwin Max Pappenheimer, professor emeritus of pathology, died February 21st in Cambridge, Massachusetts at the age of 76. Recipient of the Medical Center's 25th anniversary distinguished service award, Dr. Pappenheimer retired from the Columbia University Faculty in 1945 after almost 40 years. Recognized for his work in the cure of trench fever, he was known also for his studies on rickets and vitamin E deficiency.

Dr. Pappenheimer had held offices in the Harvey Society and from 1915 to 1917 was president of the New York Pathological Society.

Dr. Herbert B. Wilcox

Distinguished in the field of pediatrics and for his contribution to the organization of the Medical Center, Dr. Herbert Budington Wilcox, long associated with Babies Hospital, died in Louisiana on February 1st at the age of 80.

Dr. Wilcox was graduated from Yale College in 1898 and from the College of Physicians and Surgeons, Columbia University in 1902. Having held teaching appointments in the College since his graduation, Dr. Wilcox was named Carpenter professor of the diseases of children in 1921.

He became physician-in-chief to Babies Hospital in 1925 and was instrumental in bringing about Babies Hospital's association with the Medical Center. In 1931 Dr. Wilcox resigned as executive officer and director of services so that the positions could be put on a full-time basis. He remained on the Hospital staff for the next eight years, serving also as consulting physician to many hospitals, a member, director or trustee of many professional organizations. He was president of the American Pediatric Society in 1940 and for seven years was director of the New York Academy of Medicine.

Two new chaplains appointed to Hospital

The appointment of two new chaplains to the Hospital has been announced by Charles P. Cooper, president of the Hospital.

Rabbi Goldfine

Rabbi Marvin J. Goldfine, who will serve as Jewish chaplain, was assigned to the Hospital by the New York Board of Rabbis to succeed the late Rabbi Jeremiah J. Berman. He will also continue as director of religious and cultural programs for Jewish students in the downtown branch of City College.

Rabbi Goldfine, a native of Montreal, Quebec, Canada, was a United States Army chaplain from 1943 to

1946 and as Jewish chaplain with the 84th Infantry Division and the XIII Army Corps served in Holland and Germany. He was awarded the Bronze Star Medal.

As director in Greece for the American Joint Distribution Committee in 1946 and 1947, Rabbi Goldfine assisted in the relief and rehabilitation of Jewish victims of Naziism. From 1948 to 1950, Rabbi Goldfine was community relations director for the European department of the American Jewish Committee with headquarters in Paris.

Born March 6, 1915, he received his bachelor of arts degree in 1935 from McGill University, Montreal. In 1939 he earned his master of arts degree at Columbia University and completed courses for the rabbinate at Jewish Theological Seminary of America.

The Rev. Buckminster

The Rev. Harold C. Buckminster has been named associate chaplain for the Mary Harkness Convalescent Home in Port Chester, a unit of the Hospital. Mr. Buckminster, who is pastor of the Dingleton Community Church in Greenwich, Connecticut, will arrange chaplaincy needs of all types for patients in the Home. His duties will include visiting patients, conducting a regular Sunday service, and directing the newly-organized Sunday School for child patients.

Three men elected to Board of Trustees

Three prominent New Yorkers were elected to membership on the Board of Trustees at a meeting, March 28th. The new members are Frederick M. Eaton, partner in Shearman & Sterling & Wright; John A. Gifford, a member of the firm of White & Case, a director of The Commonwealth Fund and a trustee of The New York Savings Bank; and Edwin Louis Weisl, partner in Simpson, Thacher and Bartlett and famed as the federal prosecutor in the Round Out mail robbery case, the largest mail robbery in United States history.

Mr. Weisl, formerly assistant U.S. attorney and special assistant attorney general of the United States, holds directorships in Paramount Pictures, Inc., the Allen B. Dumont Laboratories, Inc., Madison Square Garden Corporation, the Columbia University School of General Studies and the Crusade for Freedom.

Residents in Port Chester

Residents on Medical Service have gone to the country for a part of their training... the "country" being Mary Harkness Convalescent Home in Port Chester. The residents have gone to the home on Wednesdays and Thursdays for a tour and orientation period with Miss Miriam Hubbard, supervisor, and Dr. John T. Beaty, attending physician.

Members of
the Medical Center Family
are cordially invited
to a concert by
SEYMOUR LIPKIN
winner of the
Rachmaninoff Fund Award
and one of America's
foremost younger pianists

April 12th in
8 p.m. Bard Hall

Sponsored by the P&S Club

First Scientific Journal

(continued from page one)

lation will extend throughout the United States and Canada to directors of obstetric and gynecologic services in other hospitals and to alumni in Europe and Asia.

Five months of concentrated effort are behind the inauguration of the Bulletin. This initial issue contains "A Brief Story of the Sloane Hospital—as it is today and how it is maintaining its high standards in the field of obstetrics and gynecology" by Dr. Howard C. Taylor, Jr., director of the service and professor and executive officer of that department in Columbia University. There are congratulatory letters from Alvin J. Binkert, vice-president and general manager of the Hospital, and Dr. Willard C. Rappleye, vice-president, medical affairs Columbia University and dean of the Faculty of Medicine.

We in the Medical Center are proud to hail this, our first scientific publication. Congratulations and our best wishes for its success.



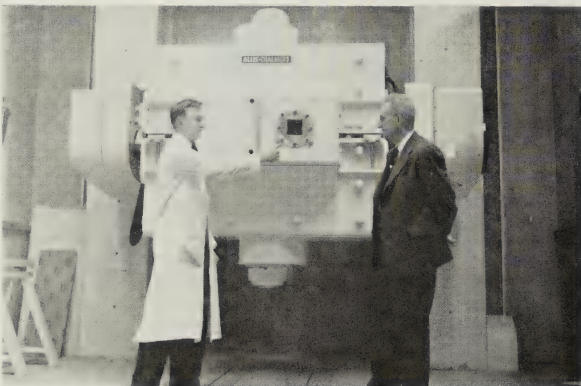
Easter gowns with pastel bunny pockets are modeled by two pert Babies Hospital patients. The gowns are the result of a television drive conducted by Jinx Falkenberg for children's hospitals in this area.



At the drawing boards are, left to right, Frank Furlan, Kenneth Arfman and George Lumley. They do plans for rearrangement of office and patient space, modernization and new construction and keep blueprints of all Hospital areas.



Hoisted five feet to make a right angle turn, the seven-ton betatron magnet was installed March 6th.



Set into place, and unwrapped, the betatron looks like this. Edward deFries, physicist who will be on duty in the new betatron building, checks it over with Dr. Gioacchino Failla, professor of radiology.



Without benefit of spreading chestnut tree, John [unclear] ets and special tools which require the almost for the Hospital. Behind the welder's mask is Everet [unclear]

At the C

Lock jammed? Repainting needed? Should be torn down or built to meet new space needs? Can ideas for unique scientific apparatus be carried out in the form of a working model?

Maintenance and Construction Department requisitions for all of these. Its job is keeping physical plant—buildings and operating equipment the Hospital—in top condition, performing alterations and acting as the Hospital's general contractor for extensive changes and new construction.

The 97 members of this department are electricians, carpenters, painters, plumbers, machinists, sterilizers, draftsmen and the groundsmen who care for the greenhouse and gardens.

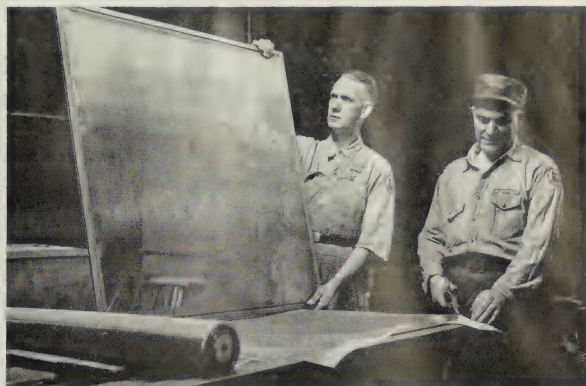
Plans for changes start as ideas at meetings of the Hospital's Planning Committee or as requests from William J. Muether, administrative assistant to Buildings and Grounds. Surveys are made by the drafting department and tentative drawings are developed.

After the plans are approved, men on the maintenance force will do the work if this does not take from the number of persons needed to keep all activities running and doesn't interfere with maintenance. For larger jobs, Eugene Cleary, head of the department and his staff will work out all details. The department acts for the Hospital in checking and coordinating work done.

Within the department are specialized shops: a machinists shop, under Ernest Thyssen, repairs and makes large metal items such as operating room hinges on a crib and "No Parking" signs. The design from specifications foot levers for infants in The Sloane Hospital or an infusion stand positively prevents a plasma bottle from falling



blacksmith, stands at his forge. He makes wall brackets for a smithy. At left is another sight unexpected in a technician's shop where large metal objects are repaired.



Signs of spring are the window screens being made in the blacksmith's shop by Mr. Mahoney and his helper, John Luzero. They care for the Hospital's approximately 9,000 windows, mitering screens and making bolts and screen holders.

(Part II)

cate perch. Fine machine work for instrument repair or with locks is done under Oertel Van Horn.

The 18-man electrical crew, headed by Walter Henderson, chief electrician, may be called on to do anything from changing a fuse in one of the Hospital's thousands of fuse boxes, installing new circuits for light fixtures for remodelled offices and wards to maintaining and operating the Hospital's radio system.

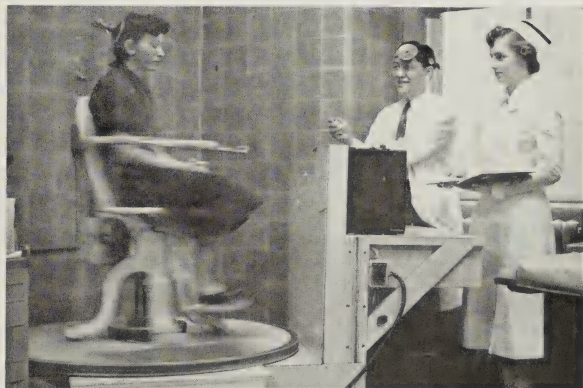
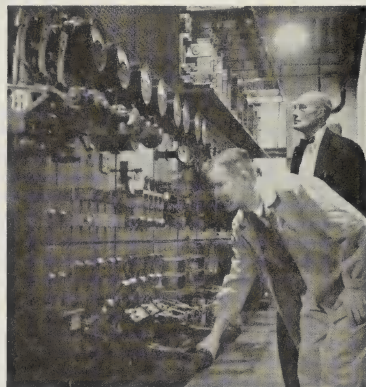
They can create special equipment for research in patient care from doctors' or technicians' sketches. Plumbers and painters may transform your office or patient's room overnight. Furniture in need of repair is shipped to another section of the maintenance department, the carpenters and the upholstery shop on South Street. Close cooperation with Housekeeping results in a complete redecoration.

Checking and repairing our physical plant is constantly necessary to keep the Hospital functioning. Some of the many regular needs are pointing up the work, silconing the outside surface of the building, recorking and painting the windows, examining operating room equipment every weekend to prevent possibility of explosions, and numerous other

sometimes the work of Maintenance and Construction Department dovetails with that of Operation and Maintenance, the other section of Buildings and Grounds. Walter Woodbury, assistant to Mr. Muether help coordinate the activities in engineering problems. (As described in last month's issue, that section is for the boiler room, power plant, elevator maintenance and refrigeration and air conditioning equipment.)

The whole Building and Grounds team works behind the scenes to keep our physical plant running. Without them, we'd hardly have a place to work.

John Rohrer, electrician foreman, and Walter Henderson, chief electrician, are at the main switch.



Electricians rewired and now service this rotating, controlled acceleration chair which tests equilibrium. Designers were Dr. E. P. Fowler, Jr., director, Otolaryngology; Dr. C. R. Feind, resident, Surgery; D. Robbins, Columbia University School of Engineering.

Eva Johnson, longest with P.H., absent only once since '13

The Hospital's oldest employee in length of service, Mrs. Eva M. Johnson, says she has "really enjoyed every moment of the whole 41 years." And in that time she remembers being out once with a cold in 1919.

Those who worked with her when she was a cook in Neurological Institute kitchen and since July 1953 for Harkness Pavilion's restaurant will tell you they enjoyed every moment with her.

In 1913 when she joined Neurological Institute's kitchen staff, Eva had studied the culinary arts under her mother who was pastry chef at the Hotel Algonquin.

No matter which part of the Hospital Eva worked in, to her it was still



Eva M. Johnson

"like having two homes—one with my family and one where I worked with my friends." "I just seemed to fit right in," she explains.

Although she retired this month, Eva regards the Hospital as "still my friend to come to in sickness or just for visits." While she finds that sometimes she wants to get up in the morning and rush to work, Eva declared "It's a wonderful feeling being compelled to retire and being given an income that means you're still self supporting."

She intends to keep her hand in the culinary field by doing catering but during the first months of her retirement Eva plans practicing dressmaking, another of her skills. The mother of two sons and a daughter, Eva is especially proud of her three grandchildren and her first project in retirement is a spring coat for one of the granddaughters.

And while she's "at home," Eva's planning to make a lot of use of the electric mixer and rotisserie that were farewell gifts to her from her co-workers in Food Service.

Eileen Donegan looks forward to reunion

Their first meeting in a quarter of a century is scheduled for June between Eileen Donegan, nurses aide on Harkness nine who retired this month, and her sister who lives in Wales. Mrs. Donegan will sail aboard the SS United States and she and her sister will visit their native Ireland through October when Mrs. Donegan will return to her apartment here in New York. This trip is one of the reasons Mrs. Donegan said she looked forward to retiring.

Before she left on March 15th, all of Mrs. Donegan's friends in the Hospital gave her a party. There were guests from Housekeeping Department where she had started almost 20 years ago; from Food Service for Mrs. Donegan who had served the meal trays during her 12 years on Harkness nine knows many persons on that service; and nurses and personnel from all the varied services on neighboring floors. Mrs. Donegan commented that the guests at the party certainly showed "how much a nurses aide gets around in the Hospital."

Cakes were baked for the party by Mrs. Mary Barrett, head nurse on Harkness nine, Mrs. Thelma Phelan, R. N., Dorothy Kinnear, dietician, and Isabelle Sanderson, nurses aide who was "major domo" for the party arrangement. Mrs. Donegan was given a "tote-bag" complete with umbrella for her trip as well as a substantial check.

Among the guests at the party were Miss Lottie Morrison, assistant director of nursing in the Sloane Hospital; Miss Lillian Oring and Miss Mary Windrow, of the Nursing Offices, 4th Floor P.H.

See the Medical Center's
"twin nurses"
in the May 3rd issue
of "Look"
(on newsstands April 19th)

Post-Easter Special:
On Sale Thursday, May 5th in the
Alumnae Shops
Baby Clothes and gift items

Florence Harvey of Social Service was on staff 30 years

After thirty years as a member of the Social Service Department, Miss Florence Harvey retired on March 31st. Two hundred persons were invited to a party given for her that day by her department.

In the past weeks, the department has received very many letters from physicians with whom she has worked, social workers on the staff and representatives of community agencies. The letters praised Miss Harvey for her understanding and compassion and her skilled assistance as a medical social worker.

Miss Harvey, a native of Canada, began her social work career in Boston and while still a student was selected to help in the Halifax Disaster Relief Unit. Later she was on the staffs of Massachusetts General Hospital, the Boston Dispensary and the Veterans Psychiatric Hospital.

In 1923, at the request of Miss Janet Thornton, former director of the Hospital's Social Service Department, Miss Harvey came to New York to work with the Committee on Dispensary Development, studying the cost of medical care at the Cornell Clinic.

She came to Presbyterian Hospital as a member of this committee, working with Dr. David Bull on the study, "Human Factors in Clinic Management." That study was important in improving the care of patients throughout the country.

Becoming a member of the Hospital's Social Service staff in 1925, Miss Harvey was assigned first to Medical Service. Three and a half years later she transferred to Surgical Service continuing there until her retirement.

Miss Harvey is well known to many pensioners and Hospital personnel since a special part of her work was to give comfort and assistance to them in time of their own distress.

For many years, she also devoted her energies to working mainly with cancer patients. In helping countless patients and their families through the difficulties caused by this illness, Miss Harvey has developed knowledge of great benefit to medical case work.

As an active member of the American Association of Medical Social Workers, Miss Harvey has contributed to the association's studies on case re-

(continued on page seven)

Alice Hyland enjoys prospect of leisure

Looking forward to "enjoying a life of leisure" and "visiting all the friends you can't keep up with when you're working" is Mrs. Alice Hyland. She retired as assistant cook on March 10th after 22 years with the Hospital. Co-workers gave her a wrist watch.

Mrs. Hyland began working in the special diet kitchen. When special diets were served from the ward pantries, she transferred to the main kitchen.

Welcomes chance to "mother" her own

An opportunity to again be a full-time mother and grandmother is welcomed by Mrs. Lucille Egan, clerk on the fifteenth floor, The Sloane Hospital. Her daughter three weeks ago gave birth to twin daughters and Mrs. Egan is anxious to take care of "her own" babies.

When she joined the Sloane staff in October of 1944, Mrs. Egan had just been widowed and had a son seriously injured in the fighting in the Pacific theater during World War II. Her job, she says, provided her with comfort, an interest and associations which she expects to continue after her retirement.

Her last day of work was March 16th and the party given her by her friends in the Hospital had a St. Patrick's Day theme, with decorations in green and a corsage for Mrs. Egan of green carnations. She was given two sets of jewelry. Here the green ended for the stones were turquoise and marquissette.

Welcome Back

Rejoining the Social Service Department after a seven-year absence is Mrs. Denise Anderson Abderhalden. She will be a social worker attached to Surgical Service. Before her return, Mrs. Abderhalden worked with the Family Agency in Patterson, New Jersey and had also done medical social work with Memorial, St. Vincent's and Roosevelt Hospitals.

Frank Duurloo, returned to the Hospital on March 9th after four years in the Air Corps where he attained the rank of Airman first class. He was reinstated as a soda clerk in Food Service, but transferred to Protective Department on March 23rd to work as a special duty officer.

The Medical Center in the news

"Clear flying from Venezuela; then 70 minutes in fog circling the airport. Those last were the tense minutes," described Edward Sharafanowich.

At the airport in response to the pilot's radio call were Dr. Charles M. Steer and an ambulance waiting to rush Mrs. Sharafanowich to the Hospital for the birth of her child. That night, for three hours, New York newspapers called the Hospital to learn about the new Sharafanowich daughter and next day, along with the birth announcement, pictures taken at the airport appeared on the front pages.

That same afternoon, in the babies section of New York Orthopaedic Hospital, a movie was being made. Ten executives of Consolidated Edison Company and child patients were in the film which will be shown to employees of Consolidated Edison in that company's campaign for the Greater New York Fund. Appearing for the Hospital was Dr. L. A. Lantzounis, attending orthopedic surgeon and clinical professor.

Miss Harvey

(continued from page six)

cordings. She plans to continue living in New York and has received many offers to continue making contributions to the care of patients.

*In Next Month's Stethoscope:
Pictures and Story on the
25-Year Club Dinner*

And during the filming, with natural drama, a young patient answered Dr. Frederick S. Craig's hopeful statement, "Now we'll walk a little" and for the first time Joel walked without braces.

Gerry Walker in "home run" to Florida spring training

'Long about the time the spring thaw starts affecting the baseball diamond in Flatbush, Gerry Walker of Purchasing Department gets a severe attack of wanderlust whose only remedy is an annual pilgrimage to the home teams' training camps in Florida.

It all started in 1937 and 1938 when Gerry himself battered up with two of the Dodgers' farm teams, respectively Hornell, New York and Valdosta, Georgia. In 1948 he started spending his vacation by going south for spring training. This year he took his wife and young son too.

Now indulging in baseball as a spectator sport, Gerry finds that he gets to know the players in Florida (there are no fences 'round the diamonds there) and that leads to a seat for Gerry . . . usually in Flatbush.

After dropping in on the Braves, the Yankees, the White Sox, the Baltimore Orioles and the Kansas City Blues, Gerry's the man to see about who's gonna win the series. His prediction (not guaranteed because he just might be prejudiced) is that '55's street car series will bring it home for the Dodgers.



Admiring the "Graduate's Rose" quilt given to the Nurses Alumnae Association toward the fund drive for the Helen Young Seminar Room for Nursing is Miss Young, director emeritus of nursing. Mrs. Florence Peto, mother of Marjorie Peto, Babies Hospital supervisor of nursing, made the quilt. Mrs. Peto has written two books on modern quilting. The seminar room will be in a proposed library-auditorium to be built at the Medical Center.

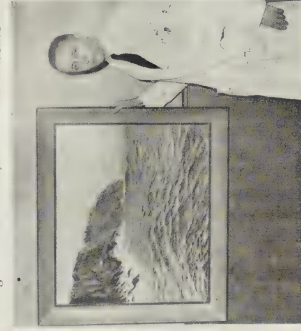


This scene at the official opening was typical



Mrs. George Perera, P.H. Women's Auxiliary chairman began her rug four years ago

Chaplain Reeves' oil-painted doodle had the tongue-in-cheek title, "After the H-Bomb"



Views from the Arts, Photography & Crafts annual exhibition

"It will be a challenge to equal it again" "Keep it up all year!" "It's beautiful!" These comments were about the fifth annual exhibition of work by the Medical Center Family. It was the largest yet held here with almost 500 items by 127 exhibitors. Open from March 14th to March 23rd, it attracted about 5,000 viewers who saw:

60 oil paintings	245 kodachromes
36 water colors	53 photographs
13 drawings	57 craft exhibits
11 etchings	5 mobiles
and 17 pieces of sculpture	



New son inspired Robert Stucky



Committee members enjoy punch at the opening



Dr. J. Austin Flintlock; T. Shumjowych-photograph



Dr. David S. Howell and his realistic seascape

Celia Sachs did 82 poster drawings



Helen Delabarre's painting is gift to N.I.-9



W. Luke shows family his Chinese mobile Fu Tu



Oils-Katherine San Julian, Helen Hockenberger

The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

Volume 10, No. 4

April, 1955

Mr. Cooper stresses voluntary hospitals' contributions to research and patient care in P. H. annual report for 1954

Charles P. Cooper, president of the Hospital, in his annual report issued April 11th, emphasized the importance to the general public of the contributions made by voluntary hospitals in scientific research and patient care.

Mr. Cooper said, "The voluntary hospital has brought much to our national life; it has kept abreast of the social requirements and changes in time. Among these changes is the greater use of hospitals by the public. While New York's population has risen 15 per cent over the past 20 years, admissions to The Presbyterian Hospital have increased 76 per cent in the same period." It is interesting to note that in 1872 at Presbyterian Hospital 10.6 per cent of those admitted died. Last year this was reduced to 2.6 per cent. At the same time, the average length of stay in Presbyterian Hospital has declined from 46 days to 12 days.

Mr. Cooper credited the marked increase of admissions to the development of equipment and techniques for modern diagnosis and treatment, advance in medical knowledge and the growth of hospitalization insurance plans, and added "today, people come to hospitals expecting quick recovery not prolonged illness. In an earlier era of larger houses and plentiful servants, the well-to-do sick were cared for at home but now hospitals are no longer places where people go as a last resort."

Mr. Cooper reported that in the year 1954 the leveling off of the Hospital's operating expenses which have risen rapidly since 1945 made it unnecessary to increase the Hospital's published rates. The deficit for 1954 was \$97,000 as compared to \$369,000 in 1953. This decrease in the deficit, Mr. Cooper said, was "due also to increased reimbursement rates from the Associated Hospital Service and from the City of New York for the care of medically indigent." Sixty per cent of the patients hospitalized at Presbyterian Hospital are in these two categories. Therefore, it is important that adequate reimbursements from these two sources be maintained. There is every indication that costs will resume their climb and these reimbursements must keep pace in order to provide a high quality of patient care.

The cost of the care given to patients in the wards and clinics of the Hospital exceeded payments received during the year by over \$3,700,000. This charitable service represents 44 per cent of the total operating costs of the wards and clinics and would not have been possible without endowment and gifts from friends. Mr. Cooper reported 1,265 new contributors to the Hospital in 1954.

The Hospital's statistics revealed a slight decrease in the number of in-patients but a considerable increase in the

In 1954 The Presbyterian Hospital . . .

provided	449,100	days of hospital care
for	36,400	in-patients
and clinic care for	56,400	out-patients
who made	405,600	clinic visits
this cost	\$ 9,974,000	for salaries
and	6,754,000	for supplies, services and depreciation
Totaling	\$16,728,000	
we received	\$11,766,000	from patients
	3,520,000	from endowment income and gifts
	1,345,000	from other services
Totaling	\$16,631,000	
the difference	\$ 97,000	must be made up from General Funds

number of out-patients treated, as compared to previous years. The development of antibiotic "miracle" drugs administered in the clinics or at home often preclude the former need for hospitalization. This was noted particularly in pediatrics, due in part to the prevailing trend toward more successful treatment of infection in the home.

On the other hand, Dr. Alan DeForest Smith, director of the orthopedic surgery service, noted that "the advancing age of the population is reflected in the increase in the number of patients with injuries and diseases peculiar to old age which are being treated in the New York Orthopaedic Hospital. Two of the most important of these are fractures of the hip and degenerative arthritis of the hip." Dr. Smith further noted, "the improvements in the methods of treatment resulting in eliminating much of the pain and suffering, getting the patients out of bed more quickly and the success of several types of arthroplasty operations (plastic surgery of a joint or formation of movable joints) as well as fusions have enabled many of these patients to resume an active and useful life."

Emphasis on research in the chronic and disabling diseases of the cardiorespiratory system continued to grow because of the problems presented by the increasing life span.

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Photographs, unless otherwise credited, are by Manny Warman.

All officers of Hospital re-elected on April 25th

Charles P. Cooper, who this year marks 25 years of continuous service to the Presbyterian Hospital, was elected to his 12th term as the Hospital's president at the annual meeting of the Board of Trustees on April 25th at the Hospital.

Other officers re-elected with Mr. Cooper were William E. S. Griswold, Sr., John Sloane, Henry C. Alexander and Frederick A. O. Schwarz, vice-presidents; Edward C. Bench, vice-president and treasurer; W. E. S. Griswold, Jr., secretary; and Thatcher M. Brown, Jr., assistant secretary.

Elected to the Board's executive committee were Mr. Schwarz who is a partner in the law firm of Davis, Polk, Wardwell, Sunderland and Kiendll; and Sidney J. Weinberg, partner in the brokerage firm of Goldman, Sachs and Company.

Mr. Alexander was appointed to the Joint Administrative Board which has representatives from both the Hospital and Columbia University.

Child patients enjoy outing to the circus

A morning at the circus for about 60 child patients, both from the in-patient and out-patient services, has been arranged for May 2nd. John Ringling North, president of Ringling Brothers and Barnum and Bailey combined shows, and John Reed Kilpatrick, president of Madison Square Garden, have made this special show available for the underprivileged children of New York for the past several years. This year, John E. McCarthy, president of the New York City Omnibus Corporation, provided a bus for the transportation of some of these children. Transportation also was provided by the New York Chapter of the American Red Cross.

TV Question and Answer

Dr. Joseph E. Snyder, assistant vice-president of the Hospital, and Dr. Ruth J. Guttman, assistant professor of radiology, appeared on "Answer to Cancer," a panel program telecast April 17th for cancer month.

Annual Report

(continued from page one)

For many years coordinated research in this area has been conducted by members of the medical service of the Hospital and the University's teaching staff in the laboratories of the Medical School and at affiliated hospitals, Bellevue and Goldwater Memorial. As Dr. Robert F. Loeb, director of the medical service, pointed out "with the antibiotic therapy which now cures intercurrent pneumonias fatal in former days, it appears inescapable that these diseases of the cardiorespiratory system will pose growing and major problems of an aging population."

Also at the present time rapid developments are being made in the field of cardiovascular surgery. In angiography especially, the Medical Center, like other institutions, is searching for the best way to coordinate the activities of the several groups and the many professional skills concerned in the new procedures employed in the treatment of patients with these conditions. To keep abreast of the important surgical and technical advances being made in the related fields of cardiovascular surgery, the director of the surgical service, Dr. George H. Humphreys, II, visited 16 universities and 35 teaching hospitals in ten different countries in 1954.

Mr. Cooper, in commenting on the 214 page report which includes reports from the directors of services in sixteen specialties, said that whereas great strides have been made in every branch of medical science, and life expectancy has nearly doubled in the last fifty years, the cooperative research at the Medical Center continues in every area of medicine. A few of the developments which affect the population, reported in more detail in the Hospital's Annual Report, follow:

The procurement, under aseptic conditions, of more adequate amounts of bone for the Hospital's Bone Bank im-

proved during the year. Of the 344 deposits of bone secured, 271 were found satisfactory and were used in ear, nose and throat, and plastic as well as orthopedic surgery; an average of one bone graft every operating day.

In neurological surgery, newly developed operations for pain relief, Parkinson's Disease and epilepsy are being successfully done by various members of the staff with gratifying regularity.

On the medical service, Dr. Sidney C. Werner, with support from the United States Public Health Service, has devised a new, simple and highly accurate test for hyperthyroidism. Under the direction of Dr. Joseph W. Jailer, further studies of congenital adrenal hyperplasia with virilism have added evidence to show that this disorder is due to an inborn error of steroidal synthesis in the adrenals of such patients.

Mention should be made of the development of the auto-anestheton by Dr. M. Jack Frumin of the anesthesiology service in collaboration with Arnold S. J. Lee, an engineer. The instrument, which won first prize in the 1954 scientific exhibit of the New York State Society of Anesthesiologists, may open new horizons in the control of respiration not only during surgical procedures but also for patients disabled by neuromuscular disorders such as poliomyelitis and myasthenia gravis.

Mr. Cooper concluded his report by giving generous praise to all "...citizens who contribute monetary support, volunteers who contribute their time and talents, doctors who contribute skill and research, nurses who serve so effectively; to all, whether in small jobs or great ones who have participated in a great work during an important year in maintaining the Presbyterian Hospital at the Columbia-Presbyterian Medical Center as a foremost voluntary-teaching hospital."

Polio research at the Medical Center

With the Salk vaccine now judged to be a safe and effective weapon against poliomyelitis, those of us at the Medical Center may wonder how Dr. Jonas Salk's discovery affects research being done here on polio.

Two and a half years ago, with the aid of a grant from the National Foundation for Infantile Paralysis, a study concerning the factors which control the inherited characteristics of poliomyelitis viruses was started here under the direction of Dr. Hattie E. Alexander, attending pediatrician and associate professor of pediatrics.

Working with Dr. Alexander on this project are Isabel Morgan Mountain, Ph.D., research associate in microbiology, and Dr. Katherine Sprunt, assistant attending pediatrician and research associate in pediatrics. Giving them technical assistance are Regina Weiss and Winifred Redman. Frank O'Neill and Basil Zankovitch also contribute by assisting with the animals involved in the research and providing the scrupulously clean glassware essential for tissue culture work.

The study being made here is an outgrowth of previous research work done by Dr. Alexander on H. Influenzae, the outcome of which has been the cure of a formerly fatal meningitis caused by this bacterial species. Dr. Alexander with Miss Grace Leidy successfully transformed bacteria in the H. influenzae group as well as among meningococci, and is continuing research on the chemical basis of bacterial transformation. It is the possibility of applying similar genetic principles to animal viruses, and in particular to poliomyelitis viruses, that is the basis of the present study at the Medical Center.

A report on the findings of Dr. Alexander's group was made this month by Dr. Sprunt to the Federation of American Societies meeting in San Francisco. She discussed the evidence found here of the production of poliomyelitis virus with the combined antigenic characteristics of Type I and Type II. Dr. Sprunt is spending a few weeks in the laboratory of Dr. Renato Dulbecco and Marguerite Vogt at the California Institute of Technology to study the plaque technic developed in that laboratory.

To understand how the research being done at the Medical Center relates to the initial development and future perfecting of the Salk vaccine, it is first necessary to define what a vaccine is. A vaccine is prepared from disease-producing germs, bacteria or viruses, either killed or so attenuated that they are no longer able to produce the specific disease but do retain their ability to create immunity substances (antibodies) in the bloodstream. The antibodies, produced by the vaccinated individual's own system, give what is known as active immunity which may last for as long as a lifetime.

The Salk anti-polio vaccine is made from inactivated viruses from all three types of polio. The virus used is made harmless by the chemical formalin but retains power to stimulate the human body to defend itself against the virus. The viruses are grown in test tube cultures on monkey tissues of non-nervous origin.

But Salk's vaccine is founded on numerous discoveries by other investigators. One of these, in 1939, by Dr. Charles Armstrong of the United States Public Health Service, that

(continued on page seven)

Elizabeth R. Prichard named director of Social Service

Elizabeth R. Prichard has been named director of Social Service of all units of the Presbyterian Hospital.

Miss Mildred Stilwell and Miss Barbara Kohlsaas will be associate directors of the Social Service Department of The Babies Hospital and Neurological Institute, respectively.

Mrs. Claire Wheat, case consultant during the past year, was named associate director in charge of the Presbyterian Hospital Social Service Department on May 1st. Mrs. Wheat was a case worker here from 1936 to 1939 and subsequently held social work positions in other parts of the country.

Miss Prichard, a graduate of the New York School of Social Work of Columbia University, came to Presbyterian Hospital in 1949 as assistant director and was appointed director of Presbyterian Hospital Social Service in 1954.

Chairman of the Committee on Information Services of the Welfare and Health Council of New York City for the past three years, Miss Prichard is on the executive board of the North



Miss Elizabeth R. Prichard (center) is director of Social Service for all units of the Hospital. Barbara Kohlsaas, left, is associate director for Neurological Institute, and Mildred Stilwell is associate director for Babies Hospital. Not shown is Mrs. Claire Wheat whose appointment as associate director for Presbyterian Hospital was announced on May 1st.

Atlantic district of the American Association of Medical Social Workers, and a member of the American Association of Social Workers.

Miss Stilwell joined the staff of Babies Hospital in 1927, organizing the social service staff for that hospital's move to the Medical Center in 1929 and since has served as director of Babies Hospital Social Service.

Miss Kohlsaas was chief psychiatric social worker in the Counseling Clinic

of the Rochester, Minnesota, Health Department from 1949 to March 1955. Prior to that time Miss Kohlsaas had been caseworker with the Ramsey County Child Welfare Division in St. Paul, Minnesota; caseworker and assistant supervisor with the Illinois Children's Home and Aid Society in Chicago, and field work instructor with the University of Chicago School of Social Service Administration, from which she holds a degree.



Dr. Yale Kneeland, Jr., accepts the club presidency. An attending physician, he is a 29-year member of the club.

25-Year Club's ninth annual dinner . . . friendship, friendliness and fun

Full of fun and good fellowship, the ninth annual dinner of the Twenty-Five Year Club on March 29th in Bard Hall was deemed the happiest and gayest of these annual events.

Some would say it was because, in the seating arrangements set up by Elizabeth R. Callahan, unit manager of Babies Hospital, each table represented a unit hospital so that "everyone knew everyone," (Not that those who gather under the symbol of "The Old-Timer" don't know each other, but if one is in the mood to "remember when . . . ?" it's nice to have a confirmation sitting next to you.)

Some would say, as did toastmaster, Dr. Franklin M. Hanger when he introduced Jeanne Paulson (P.H.R.N. '54) and her tuneful piano rendition of "Body and Soul" that, "With all due respects to the experts of psychosomatic medicine, she can be my doctor."

Or take the spirit of hilarity that dominated the strains sung by the "La Scallopini operatic quartet" and perhaps Thomas Theobald (P&S '57) and the magic he exercised when with a "surgical procedure of my own" he produced a half dozen eggs (one at a time) from the mouth of surgeon Harold D. Harvey, a 29-year member.

Mr. Cooper, spokesman for the incoming members said that the club's members "represent a spirit, loyalty and devotion that makes the Presbyterian Hospital a wonderful hospital and the kind of agency for the good of mankind for which all of us are proud to work."



Alvin J. Binkert, vice-president and general manager of the Hospital, and Mrs. Ernest R. Adey, honorary president of the Board of Women Managers, who has given 55 years of service to Babies Hospital.



The atmosphere



Some of the new members

The atmosphere of geniality continued in the hearty applause at the introduction of all the new members by Alvin J. Binkert, vice-president and general manager of the Hospital, and Mrs. Frederic F. deRham, club's vice-president, who gave each member their certificates.

Last, but not least on the program were the election of new officers, who are pictured with this article, and Dr. Hanger's expression of thanks to the club members who arranged the evening.

Mrs. Dorothy Barry, receptionist; David C. Bull, chairman of the nominating committee "which sought to avoid a smoke-filled room for political preludes," Miss Callahan, seating arrangement; Miss Margaret Cleveland who secured the entertainers; and Miss Marjorie Peto to whom we are indebted for her contribution to this article.

Officers elected



Vice-President
Mrs. Grover O'Neil
(Board of Women
Managers)
34-year member



Vice-President
Margaret Hawthorne
(Nursing)
27-year member



Secretary
Olive G. Haseltine
(Medical Information)
26-year member



Assistant Secretary
Pauline Hennessy
(DPPO)
33-year member



Treasurer
Bruno F. Carrita
(Print Shop)
27-year member



e during the whole event



group portrait

the Twenty-Five Year Club, with addition of the 40 members who joined this year, now has a total membership of 409 persons. At last year's hospital dinner, the club formally organized and adopted rules and regulations. Officers who were elected at the 1954 dinner and who served in 1954-1955 were president Dr. Frank M. Hanger, attending physician and now a 34-year member; vice-presidents, Mrs. Frederic F. deRham, a trustee and member of the Board of Women Managers, Babies Hospital, Miss Eleanor Lee, acting executive officer of the Department of Nursing, both now 32-year members; secretary, Mrs. Dorothy Barry of Main Information Center, with 33 years of service; assistant secretary, Miss Margaret Priddy of Medical Information Department, a 27-year member, and treasurer, George Hansen of the Controller's Office, also 27 years.

New Members

TRUSTEES

Charles P. Cooper

WOMEN'S AUXILIARIES

Board of Women Managers,

Babies Hospital

Mrs. Sidney G. deKay

Mrs. Erik Eriksen

Mrs. James McCosh Magie

Mrs. Joseph V. McMullan

New York Orthopaedic Hospital

Mrs. Oliver D. Filley

PROFESSIONAL STAFF

Dorothy H. Anderson, M.D.

Pathology

Leslie P. Barker, M.D.

Dermatology

Howard D. H. Brown, M.D.

Ophthalmology

Sylvester Daly, M.D.

Otolaryngology

Clarence C. Hare, M.D.

Neurology

Houghton Holliday, M.D.

Dental & Oral Surgery

George H. Humphreys, II, M.D.

Surgery

Marie Karelitz-Karry, M.D.

Dermatology

Irvile H. MacKinnon, M.D.

Psychiatry

John P. Macnie, M.D.

Ophthalmology

Charles A. Perera, M.D.

Ophthalmology

Raymond L. Pfeiffer, M.D.

Ophthalmology

Theodore B. Russell, M.D.

Medicine

William Benham Snow, M.D.

Physical Med. & Rehabilitation

DeGraaf Woodman, M.D.

Otolaryngology

PERSONNEL

Doris S. Ballard

Doctors' Private Offices

Judson Blevins

Attendant

Jane M. Bundy

X-Ray

Fred J. Castiner

Protective

George C. Castiner

Protective

Frances C. Evans

Social Service

Mary T. Flack

Laundry

George Holobaugh

Clinical Pathology

Nelda R. Larsson

Nutrition

Joseph R. Lazzopina

Printing

Kathleen Leonard

Nutrition



Mr. Cooper receives a certificate after his 25 years with the Hospital from Dr. Hanger, club president. Mr. Cooper was spokesman for new members.



George Castiner (left) and his brother Fred, both in Protective, joined the Hospital Family within a few months of each other. George started with the Laundry; came to Protective in 1949.



John Nelan, supervisor of the Laundry, gets handshake from Mrs. Frederic deRham. He's club's youngest member who started working at the age of 15 and has held every job in the Laundry Department.

George Lynch

Protective

John J. Nelan

Laundry

Georgina O'Toole

Nursing

Philip Philips

Physical Therapy

Walter Rhein

Maintenance & Construction

Julia D. Ryan

X-Ray

Elna Saamanen

Nursing

Philip W. Sulzer

Collection

Greater New York Fund Campaign for '55 opens April 25th; P. H. Rally on May 4th

The Greater New York Fund helps us as one of the 125 voluntary or non-profit welfare and health services in New York City to which the fund gives support.

The annual GNYF campaign is the only direct appeal to which the Hospital invites participation by its staff and personnel.

Last year, 73.4 per cent of the members of the Hospital Family contributed an average gift of \$2.08.

These are the facts behind the Hospital's part in the '55 GNYF campaign which opened on April 25th.

At 8 p.m. on May 4th in the Babies Hospital fourth floor amphitheater, a Presbyterian Hospital rally was held for the campaign. On the program were a movie, partially filmed here, short talks by R. N. Kerst, assistant vice-president and assistant treasurer of the Hospital, and Peter R. Bozzo, the Hospital's purchasing agent. All department representatives attended. This was the starting point of the GNYF campaign within the Hospital.

Those department representatives are the individuals who will accept your contributions to the GNYF campaign. When you see them (and their names are listed below), keep in mind that in 1955 the Hospital Family is aiming for a 100 per cent record of contributions.

Four talks presented on Surgical Alumni Day

Surgical Alumni Day on April 15th featured presentations by four distinguished Presbyterian Hospital alumni who spoke during the afternoon sessions. They were:

Dr. John A. Gius, professor of surgery, University Hospitals, Iowa City;

Dr. Theodore P. Eberhard, clinical professor of radiology and coordinator of oncologic teaching, Jefferson Medical College, Philadelphia;

Dr. Albert H. Levy, chief of surgery, Veterans Administration Hospital, East Orange, New Jersey;

Dr. Pelham Glazier, associate professor of surgery, Albany Medical College, Albany, New York.

Returning alumni viewed operations in the Hospital during the morning and had luncheon at Bard Hall.

Department Representatives

Administration—Mary Chamberlin.

Assistant Secretary and Treasurer—Theresa DeVitis, Assistant Treasurer's; Edward Hegblom, Cashiers; Blanche Howley, Collection.

Buildings and Grounds—Ernest Thyssen, Carpenters and Machinists; John Rohrer, Electrical Department; Walter Woodbury, Engineering Department; Gerard Kunz, Grounds; James Regan, Power Plant; Margaret Muccilli, Maintenance and Construction.

Comptroller's—Mildred Bishop, Betty A. Bohne, Genevieve Farrelly, Catherine Williams.

Doctors' Private Practice Offices—Virginia Drews, Jean Barry.

Food Service—William Allen, N. I. Kitchen; George Eisenberg, P. H. Main Kitchen; Agnes Fletcher, P. H. Salad Room and Pastry Shop; Muriel Harris, Dining Rooms; Anne Healy, Nutrition; Edythe Rochelle, Maxwell Hall Kitchen; James Willox, Commissary and Kitchen Service.

Other Non-Professional Services—Peter Bozzo, Purchasing Department; Lillian Brown, P. H. Information; John Callahan, Elevators; William Lester, Harkness Hall; Harold Liscombe, Housekeeping; Robert McComas, Sterile Supply; Gedney Masten, Mail and Messenger; John J. Nelan, Laundry; Ann Troiano, Telephone.

Personnel and Protective—Edward J. Gallagher, Personnel and Personnel Medical Department; William C. Meister, Protective Department.

Mary Harkness Convalescent Home—Anne Parsons.

Nursing—Ruth Lynch, Faculty, Department of Nursing; Lillian Oring, Nursing Service Administration; Jane McConville, Elizabeth Sullivan, B.H.; Ruth J. Hagstrom, Margaret Antles, H.P.; Mary Karkanes, Marjorie Harrigan, IOPH; Sarah Abbott, Carol Rourke, N.I.; Rosemary A. Schumaker, O.H.; Mildred E. Peterson, Shirley Cain, O.R.; Eva M. Wohlfahrt, Captain; Elize Poestkoke, P.H.; Jean Paulson, Dorinda Davis, S.H.; Lillian Vahey, Mary K. Mullen, V.C.; Phyllis M. Young, Rita Coleman, Registry.

Professional Services—Viola Grollmund, Anesthesia Department; Loretto Molzahn, B.H. Admitting; Marion Pollack, B.H. Social Service; Genevieve Covolo, Basal and Radioactive Iodine Lab, P.H.; Mary Sargent, Blood Bank; E. J. Sinclair, Cardiology, P&S; Barbara Laudy, Chemistry Lab, N.I.; Louise Kretsch, Clinical Pathology; Molly Cox, EEG, N.I.; V. B. Smith, Harkness Admitting; Helen Meade, IOPH Admitting; Margaret Priddy, Medical Information, V.C.; Catherine Gallagher, N.I. Admitting; Helen White, Occupational Therapy; Charles Pope, Optical Shop; Joseph Klocke, Oxygen Therapy; Agnes Meyer, P.H. Admitting; Anna Grosso, Pharmacy; Dorothy Swanson, Physiotherapy, H.P.; Louise Hewson, Psychology, N.I.; Frances McNamara, Record Room, V.C.; M. J. Laurencot, Routine Blood Chemistry Lab, P&S; Margaret Osterman, Social Service, P.H. and N.I.; Terry Martino, Surgical Chemistry, P&S; Ruth Griffiths, V.C.; W. J. Lynett, X-Ray Departments.

Public Interest—Marguerite Stein.

Comment Corner:

Last week I was a patient in your Institute of Ophthalmology where I was operated upon by Dr. Algernon B. Reese.

I have been a patient in hospitals a number of times in my life, of almost sixty years, as well as having seen something of them when members of my family have been hospitalized. I think that without doubt your Presbyterian Hospital is the finest administrated and the most humanized, if that is a good word, hospital with which I have had any experience or knowledge.

Everyone of your personnel with whom I had any contact, from the security officer at the front door, the admission office, elevator operators, nurses aides, orderlies, housekeeping members, floor clerks, student and registered nurses, superintendent of nurses, interns, resident doctors, operating room personnel, were always most pleasant, kind and considerate, and of course, also capable and efficient.

Although I happened to be somewhat familiar with procedures for operations, which your medical personnel could not have known, I nevertheless could appreciate the fact that your medical personnel have been trained to inform patients quietly and with casual briefness what will occur, or is about to be done. I always have wondered why the medical personnel of hospitals never had seemed to realize that what was routine to them was most likely to be unknown to the patient, and that a few brief words of explanation would give assurance and confidence to the patient who ordinarily would be under tension or frightened.

I also was very glad to observe that in your Presbyterian Hospital, the nursing staff and medical staff are just as considerate, pleasant, and kind to the people who happen to be ward patients as they are to the people who happen to be private patients. I congratulate your organization heartily on that.

If what I have said in this letter in praise of Presbyterian Hospital seems enthusiastic, it is only because that is the way I sincerely feel about your hospital.

Sincerely,

A patient

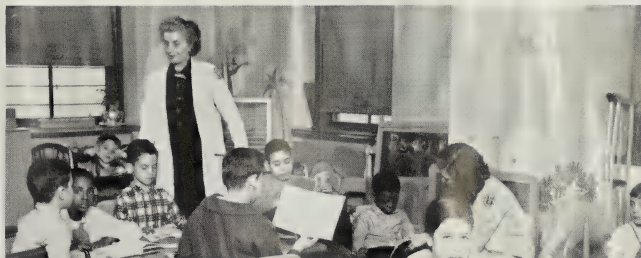
ABC's and algebra in Babies Hospital

Hospitalization is no vacation from learning to spell or the complications of long division for patients of Babies Hospital. All elementary school pupils who will be in the Hospital more than two weeks attend one of the three regular classes of P.S. 401-X or receive bedside instruction.

Conducting the classes are three teachers, all members of the New York City Board of Education—Mrs. Mabel Welti, Mrs. Jessie Meyer and Mrs. Rose Woods. Education is secondary to physical care and the teachers work closely with physicians, nurses and the social service staff to best help and teach the patient.

In the two classes for orthopedic patients there were 134 pupils, many of whom completed the school year. Patients receiving general medical care are in the third class. The 116 pupils last year remained in the class from two weeks to six months.

The first workshop of principals working with the 13 "health conservation classes" in the city, as classes in hospitals are termed, met March 23rd



A class of Babies Hospital patients taught by Mrs. Mabel Welti.

in Babies Hospital for tours of the classrooms, Hospital facilities and discussions. Below follows a note about P.S. 401-X and that workshop from Miss Helen C. Fisher, principal of hospital classes in this area:

"I believe we achieved a "first" on March 23rd—the first time a group of New York City principals were afforded the opportunity to observe hospital classes in session. It was a memorable experience for each member of the group, one that will produce new understanding of the situation in which a great center of devotion to the serv-

ice of suffering humanity joins with an educational system which has as its aim the development of an integrated, healthy and informed personality in each of our children.

Each member of the hospital staff on the Fifth, Sixth and Twelfth floors was most gracious in her reception of us and each helped us obtain an understanding of the situation in which our pupils are placed.

Your visitors commented especially upon the atmosphere of quiet efficiency, of splendid organization, of competence to meet any emergency."

Polio Research

(continued from page three)

nic were susceptible to some strains of polio, facilitated experimental work in the basic immunology of the disease.

Dr. Mountain, then working in the Johns Hopkins polio laboratories, under her maiden name, Morgan, in 1948 was the first to show clearly that formalin-killed virus vaccine could immunize monkeys, a finding on which the Salk vaccine is based. She also proved that, in experimental animals, there is a correlation between antibodies and polio immunization.

Still at Johns Hopkins and in collaboration with Drs. Kenneth C. Macey, Howard A. Howe and David Bodian, Dr. Mountain helped to establish the classification of poliomyelitis viruses into three immunological types, all of which are represented in the vaccine.

Another discovery, and one without which an immunization program would not have been feasible now, was that of J. F. Enders, Thomas H. Weller and Frederick C. Robbins of Harvard University, who discovered in 1949 that polio virus will grow on non-nervous tissues in a test tube. This brought them the Nobel Prize and was one of the final steps leading

up to the announcement April 12th at Ann Arbor, Michigan, when the Salk vaccine was declared successful.

Among those attending that meeting were Dr. Alexander, Dr. Mountain and Dr. H. Houston Merritt, director of Neurological Institute and professor and executive officer of neurology in Columbia University.

Dr. Alexander and Dr. Mountain noted that "Success of the poliomyelitis vaccine is a tribute to many scientists who have contributed their laboratory findings as well as to Dr. Salk and his associates at the University of Pittsburgh and to Basil O'Connor, director of the National Foundation for Infantile Paralysis, whose vision and organization made possible the scientific effort of a magnitude sufficient to accomplish the objective."

In commenting on the future of polio studies, the two doctors added that the National Foundation plans to continue its support of treatment of paralytic cases of poliomyelitis while in many laboratories many problems will be studied which must be solved in order to enhance efficiency of immunization against poliomyelitis.

For the researches at the Medical Center, the basic problem of "genetics" in animal viruses will continue to be of theoretical and possible practical interest in the future.

New Faces

A "Connecticut Yankee" in Harkness Pavilion is Mrs. Beryl L. Thompson, who started on April 4th as housekeeping department's supervisor of personnel and activities in that Hospital unit.

Formerly the executive housekeeper of Wendell-Sherwood Hotel in Pittsfield, Massachusetts, Mrs. Thompson is a graduate of the Lewis Hotel Training School of Washington, D.C. She says she came to work for Presbyterian Hospital because she is "interested in human service." Mrs. Thompson also has worked for the Methodist Hospital of Brooklyn, Statler Hotels in New York City and the Orange Inn in Goshen, New York.

From a background in the construction business to doing constructive work with Presbyterian Hospital is Frank Irving, who came on the job April 4th as one of the Hospital's four night managers. The night managers are in charge of administrative problems which might arise between 5:30 p.m. and 9:00 a.m. and on weekends and holidays. This should prove an interesting change for Mr. Irving who

(continued on page eight)

Names Make News

Going here and there about the Hospital we find that *Rosina Nicolosi*, secretary in Housekeeping Department, is wearing a diamond given her on Easter Sunday by Joseph Wallace, who is in the purchasing department of American Machine & Foundry Company. Their wedding is set for October.

Molly O'Connor of the Laundry Department is visiting her parents during her vacation to Ireland. She left by plane on April 8th.

John Callahan, formerly special officer in Protective Department, on the midnight to 8 a.m. shift, started on March 13th as chief elevator starter. He's been with the Hospital for seven years.

Gora L. Shaw, assistant director of nursing in Eye Institute, attended the recent annual conference of the National Society for the Prevention of Blindness at the Hotel Statler. She conducted a panel on opportunities for nurses in sight saving.

Toni Kenna, now in the Paymaster's Department, comes back to the Hospital after ten months in Germany where her husband, Corporal Edward Kenna is stationed. Life with a German family was interesting and she learned to speak the language, but it wasn't "The States."

Basking in Bermuda sunlight on a two week vacation is *Anna McElroy* of Accounts Payable. She left April 18th.

Married on April 16th were *Elizabeth Lloyd*, head nurse in the recovery room and *Edward Norion*, Food Service assistant. They will live in Connecticut where Mr. Norion will be on the administrative and Mrs. Norion on the nursing staffs of Hartford General Hospital.

Telephone courtesy practices on the Hospital's switchboard were discussed by *Miss Ann Troiano* in an interview in "Voiceways," a magazine of the New York Telephone Company. Head operators of large businesses in this city have been calling her for additional information.

Mrs. Eleanor Phillips, who retired officially on January 1st, is planning a trip to visit her daughter in California. She leaves May 9th. Mrs. Phillips, who was information clerk in Babies Hospital from October 1942, is a not infrequent visitor to the Hospital.



When you read this there will be velvety lawn where the grass is being planted (above) by, left to right, Gerard Kunz, head gardener, Pat Cummings, and James Whitty.

New Faces (continued from page seven)

did personnel work with construction firms in Iceland, Venezuela and other foreign lands. He is a native of Montreal, Canada and a naturalized American.

Another person who is no stranger to foreign strands is *Miss Katherine O'Connor* who is working in the fund raising division of Public Interest Department. A former diplomatic secretary and then consul in the State Department's foreign service, Miss O'Connor served in Ottawa, Canada and then in Capetown and Johannesburg, South Africa. A native of Vermont, bred in Indiana where she was graduated from the University of Indiana, she has taken summer courses in the Sorbonne and at Harvard.

A newcomer and yet not a stranger to Presbyterian is *Miss Anna M. Smith*, a new night supervisor of volunteers in the Volunteer Department. The middle initial stands for Mackenzie and she is the sister of the late Dr. George Mackenzie, formerly on the P.H. attending staff and later director of Mary Imogene Bassett Hospital; and James C. Mackenzie, a trustee of the Hospital since 1945.

Mrs. Smith comes to P.H. fulfilling her ambition to work with volunteers and is looking forward to working with those on the tender loving care program. For the past year Mrs. Smith was office manager of social service department at St. Luke's Hospital and claims she worked there instead of Presbyterian because she had taken her Red Cross nurses aide course in that hospital. She put that training to use during the war when she served

Dan Maloney retires from Babies Hospital

Dan Maloney, head porter in Babies Hospital until his retirement started on April 8th, is fond of saying that he knows by sight every alumni of Babies since he started there 18 years ago. He had several years of prior service with Babies in the early 1930's.

He loved his job, loved seeing all the children and keeping track of all the little things connected with the care and maintenance of Babies.

His relations with everyone, staff, personnel and his co-workers in Babies Housekeeping were cordial, good humored and friendly. On April 7th, his co-workers gave him a farewell party. He received gifts from the attending staff and housekeeping workers of Babies' Hospital and from his friends throughout the Hospital.

Dan's plans are to get a good long rest (with frequent visits to Babies) and then to visit his family in Boston.

with a Red Cross Hospital near Paris.

Gerard Kunz, the new grower and head gardener, is a graduate of Long Island Agricultural Technical Institute, a branch of the New York State University. Mr. Kunz is trained in all forms of landscape, nursery and greenhouse management and in the care of trees, shrubbery and lawns. Being in charge of all the Hospital's outside grounds gives him ample opportunity to apply his knowledge. Before coming here he had worked with a commercial carnation grower and served two years in the Air Force.

The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

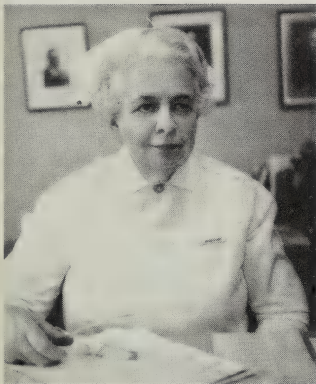
Volume 10, No. 5

May-June, 1955

Margaret Eliot, Nursing Service director, retires

If she were an easy person to discourage, Margaret Eliot probably would have never entered the nursing profession. For, as a young volunteer in the New Haven Hospital, she was advised: "Don't be a nurse. It's perfectly awful." And later at an interview with Dr. Ellsworth Eliot Jr. at the old Presbyterian Hospital on East 70th Street, he told her he "didn't think she would be any good at nursing." However, Dr. Eliot was her cousin and was presumably joking. In any event Miss Eliot not only ignored the 'advice' given her, but went on to achieve a highly successful hospital career.

Perhaps no one during the past 34 years since the time Miss Eliot was graduated from the Presbyterian Hospital School of Nursing has contributed more to so *(continued on page six)*



Margaret Eliot, R.N.

Dr. John Kingsley Lattimer Succeeds Dr. Cahill as director and executive officer of urology

Dr. John Kingsley Lattimer was appointed attending urologist and director of the Urological Service, which is known as the J. Bentley Squier Urological Clinic, and professor of urology

and executive officer of that Department in Columbia University. This was jointly announced by Hospital President Charles P. Cooper and Dr. Grayson Kirk, president *(continued on page three)*



Officers of the Class of 1955 met Secretary Hobby (center) before the graduation. Left to right are Joanne Heinly, Joy Jones, Ann Schumaker and Mary Eldredge.

Secretary Hobby addresses Class of 1955, second largest in School of Nursing history

"Always keep your warmth," Secretary of Health, Education and Welfare Oveta Culp Hobby advised the 110 graduates of Presbyterian Hospital's School of Nursing.

Speaking at colorful ceremonies on June 2nd in the garden outside The Pauline A. Hartford Memorial Chapel, Mrs. Hobby cautioned: "Let years of experience sharpen your understanding of human needs, rather than dull your perceptions by their routine."

The Class of 1955 was second largest in the School's 63-year history. More than 2,000 persons attended the ceremonies.

Charles P. Cooper, president of the

Hospital, presided. Dr. Grayson Kirk, president of Columbia University, introduced Mrs. Hobby.

Philosophy in Nursing

Complimenting the graduates on having completed their "nursing education in one of the greatest Medical Centers of the 20th Century," Mrs. Hobby stressed the need of strong community support of nurses. "To the degree that you have community understanding, you will have community support."

On Volunteers

One of the links between nurses and the community, according to Mrs. Hobby, are the volunteers who, she said, "more and more will be needed to do the simple tasks in order to free nurses for their work as specialists." She asked nurses to feel "a special sympathy for and patience with the layman who serves you as a volunteer. If you will help *(continued on page seven)*

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Photographs, unless otherwise credited, are by Mauny Warman.

Comment Corner

Excerpts from a patient's letter, recently received:

"There seems to be a uniform high standard in Presbyterian Hospital that reflects superb administration and understanding of the needs of those availing themselves of your services.

"I wish to point out, in particular, the impression made by Miss Isabella Clarke, of the Department of Cardiology, who brings to an exacting job, not only a sense of responsibility, but human kindness that is heartwarming to all who have had dealings with her."

In Memoriam

The deaths of two retired employees took place recently. Mrs. Lenella Barlow, an aide in sterile supply, who retired January 1947 after 27 years with the Hospital, died on April 21st.

Mrs. Loretta L. Leary, who had been assistant housekeeper in Babies Hospital from September 1929 to February 1937, died on April 23rd.

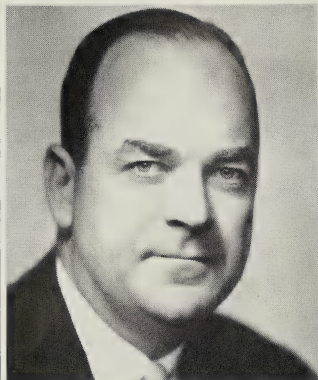
Elected to membership on the Board of Trustees

John S. Burke, Jr., president and director of B. Altman and Company, and Augustus C. Long, president and director of The Texas Company, were elected members of the Hospital's Board of Trustees at a Board meeting on May 23rd.

Mr. Burke, a native of New York City, attended Canterbury School in New Milford, Connecticut, and Yale University. He was a sergeant in the Marine Corps during World War II. President of B. Altman and Company

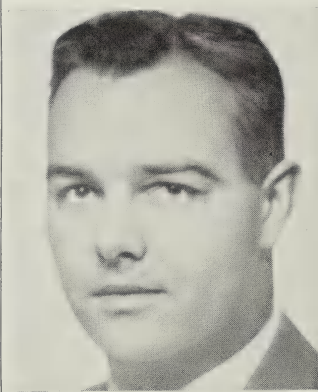
since April, 1954, he has served successfully as manager of the Manhasset Branch, merchandise manager and executive vice-president.

Mr. Long is also a director of Arabian American Oil Company, Jefferson Chemical Company, Seabaco Oil Company of Delaware, the Texaco Development Corporation and the Trans-Arabian Pipe Line Company. A graduate of the U.S. Naval Academy, he served in the Navy in 1926 to 1929 and held various government assignments from 1941 to 1943.



Augustus C. Long

Backrach



John S. Burke, Jr.

Altman-Pach

John S. Parke memorial endowed bed established

Charles P. Cooper, president of the Hospital, has announced the establishment of an endowed bed for cancer

research in memory of John Shepard Parke. Mr. Parke served as the executive vice-president of the Hospital from 1944 until his death last August 13th. Contributions for the endowed bed came from Mr. Parke's many friends both within and outside of the Hospital.

Memorial funds earmarked for social service, library

The Women's Auxiliary of The Presbyterian Hospital voted recently to establish two new funds with contributions given in memory of Mrs. Yale Kneeland and Mrs. Frank C. Decker, former auxiliary members who died this year.

Mrs. Kneeland, a trustee of the Hospital from 1939 until her death on February 23rd, was honorary chairman of the auxiliary from its inception in 1946.

Mrs. Decker, whose death occurred on May 4th, was a former chairman of the auxiliary's Milbank Library Committee and served for more than a decade as a volunteer in the library.

Both new funds will be used for auxiliary-sponsored departments of the Hospital that were close to the interests of the women for whom they are named. The Beatrice Shakespeare Decker Memorial Fund will be used for the Milbank Library.

The Anna Ball Kneeland Memorial Fund, to be set aside as a special fund for the development of the Social Service Department staff, carries out Mrs. Kneeland's interest in that department. During the 23 years she served as chairman of the former Vanderbilt Clinic Auxiliary, Mrs. Kneeland was the first to engage social workers in conjunction with Vanderbilt Clinic specialty clinics.

Dr. Lattimer

(continued from page one) of the University. The appointments become effective on July 1, 1955.

Dr. Lattimer succeeds Dr. George F. Cahill who has been on the teaching staff of the Faculty of Medicine since 1917, and with the Hospital since 1920. Dr. Cahill becomes consultant to the Hospital and professor emeritus of the University effective July 1st.

Dr. Lattimer, who is well known for his work on kidney tuberculosis, has also contributed to medical science in the fields of pediatric urology and radical prostatectomy for cancer. The author of numerous scientific articles, he won in 1954 an award of the American Medical Association for his scientific exhibit on treatment of genitourinary tuberculosis; in 1948 he was awarded first prize by the American Urological Association for best clinical research in urology, and in 1943 he won the Joseph Mather Smith Prize of Columbia University for his research work on kidney function.

He is a diplomate of the American Board of Urology, and member of numerous medical societies including the American College of Surgeons, the New York Academy of Medicine, American Urological Association, American Association of Genito-Urinary Surgeons, and the Harvey Society.

Dr. Lattimer serves as consultant to the Research Unit for Renal Tuberculosis of the Veterans Administration Hospital in the Bronx; as consultant for Renal Tuberculosis to the Committee on Therapy of the National Tuberculosis Association; and, as a member of the Committee on Surgery for Tuberculosis of the Veterans Administration.

Dr. Lattimer began his residency in urology here in 1940, was appointed assistant urologist in the Hospital and assistant in urology, in 1946. He was appointed an instructor in urology in 1947, an associate in 1950 and assistant professor of clinical urology in 1952.

Born October 14, 1914 in Mount Clemens, Michigan, Dr. Lattimer received his B.A. from Columbia College in 1935; his degree as doctor of medicine from Columbia in 1938, and the degree of doctor of medical science in 1943. While an undergraduate, Dr. Lattimer won championships for track competitions and held for many years the A.A.U. record in the 220-yard hurdles.



Backback

John K. Lattimer, M.D.



(from a portrait)

George F. Cahill, M.D.

P.H. volunteers are largest group receiving United Hospital Fund awards this year

Presbyterian Hospital's 176 volunteers were the largest single group from the 78 hospitals represented to receive awards for hours of service at the United Hospital Fund's 15th annual presentation of awards to hospital volunteers. The presentations took place May 10th at the Hotel Sheraton-Astor.

The 176 volunteers also are the largest group to receive the U.H.F. annual award that the Hospital has ever had. They include seven women and one man with more than 4,000 hours of service; 44 women and three men with more than 500 hours; and 109 women and twelve men who completed their first 150 hours.

Also honored were 47 members of four of the Hospital's women's auxiliaries for their work in more than 10 U.H.F. campaigns and 52 other campaign workers.

Honor awardees receiving emblems for 4,000 to 10,000 hours of service to Presbyterian Hospital were:

Mrs. Stella Brown of the new-born nursery, 7,845 hours; Hattie H. Bruns, in the Volunteer office, 4,740 hours; George Bryant, chapel, 5,543 hours; Maud Musgrave, sterile supply, 5,788 hours; Mrs. Dorothy Paschal, constitution laboratory, 5,153 hours; Mrs. Marion Ware, sterile supply, 6,438 hours; Eva Woythaler, Neurological Institute, 4,100 hours; and Mrs. Olga Zarganis, sterile supply, 5,652 hours.

Two other P.H. volunteers, Mrs. Betty Crawford and Mrs. Jo Ann Scowcroft, took part in the special television interview by TV personality Jinx Mc-

Crary. The telecast included "flash-backs" showing Mrs. Crawford at work in the Hospital.

The amount of service an individual volunteer has given is shown by the following U.H.F. insignia: Blue pins—more than 150 hours; gold bars—more than 500 hours; blue bar with white crosses—one white cross for each 1,000 hours.

Library volunteers recognized

Mrs. I. Louis Kramer, chairman of the Milbank Library committee of the Women's Auxiliary of The Presbyterian Hospital, was hostess at a tea on May 11th in her home for the six volunteers who work in the library. Guest speaker was Florence Schieren, former auxiliary member and library chairman, who discussed "Early Library Days."

Babies Hospital Alumni officers

Alumni Day on April 29th included talks by pediatricians of the Babies Hospital staff and election of the following officers:

Dr. William S. Langford, associate attending pediatrician and professor of psychiatry, president; Dr. Richard Day, professor, department of pediatrics, State University College of Medicine in Brooklyn, vice-president; Dr. Conrad M. Riley, assistant attending pediatrician and assistant professor, secretary, and Dr. Frederick H. Wilke, who is engaged in private practice, treasurer.



The colonial style Mary Harkness Convalescent Home on its verdant, 80-acre estate, provides a perfect place for getting well.



Miriam Hubbard, superintendent, greets a new patient.



Sunning on the terrace makes for enjoyable conversation as well as for good therapy. Right. Milk time for child patients can be quite a tete-a-tete as Nellie Klok and Karen Barone, nurses aides, and Jean Cleary, R.N., arrange them at the table.

Because our convalescent unit, Mary Harkness, is not geographically at the Medical Center, we are apt to forget that the very lovely 80-acre estate in Port Chester is a distinct part of Presbyterian Hospital . . . as is the staff of 45 persons.

It's a pleasant drive almost to the New York-Connecticut boundary line. Turning off the Hutchinson River Parkway, one drives along King Street and then turns right into a curving, shaded driveway. Just above the rise can be seen the two-story white and brick colonial home, one of the many gifts from the late Mary Stillman Harkness, Hospital trustee and benefactor.

We also call Mary Harkness "the Convalescent Home" and its settings are truly like a home. Its living room is complete with couches, armchairs, a piano, a book corner and fireplace. On one side off the living room is the patients' dining room whose large white curtained windows look over the lawns and gardens of the beautifully landscaped estate left to the Hospital by the late William W. Cook, lawyer and author.

On the other side of the living room, doors open wide onto the sun terrace where the Convalescent Home's 35 adult patients may relax with amiable conversations or just enjoy the sun.

Connected with the main building is the Strong Memorial Wing made possible through provisions in the will

of the late W. E. S. In 1952, this wing accommodated children and has its own swings and a sand box.

Facilities of our Convalescent Home are available to patients of other hospitals but at all times to Presbyterian Hospital patients.

Wooded areas within the Convalescent Home provide walks that mean a pleasant change to normal strength for those on the stairs.

These walks also provide a place for storage or to the picnic area where picnics are held now and then for the Hospital's patients. Visits from 168th Street.

Miss Miriam Hubbard, superintendent of the Convalescent Home which has its own grounds staffs.

Another person who has benefited from Mary Harkness is Edna B. Harkness, a fine pianist who convalesces in the small but fully equipped therapy room. Mary Harkness, each day, is a patient of the Presbyterian Hospital.

The Convalescent Home's staff consists of Dr. J. H. Harkness, the Home's attending physician, an assistant in Columbia; and Dr. J. H. Harkness, chief of the orthopedic clinic and instructor in Columbia; and Dr. J. H. Harkness, chief of the orthopedic clinic and instructor in Columbia; and Dr. J. H. Harkness, chief of the orthopedic clinic and instructor in Columbia.

Social Service staffs work closely with each patient's convalescent care. The staff helps handle problems that might impede the patient's recovery. Mary Harkness or his return to the community.



our Port Chester unit

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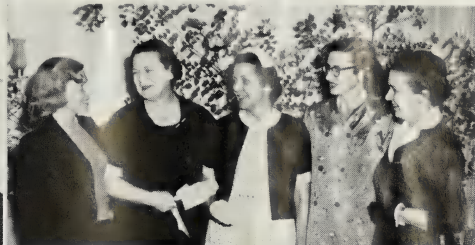
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A special event at Mary Harkness was the first annual tea on May 18th. Sponsored by the Convalescent Home's women's auxiliary, the tea honored the 26 volunteers who serve there and helped P.H.C.'s of 168th Street get better acquainted with Port Chester.

At the tea table, left, Mrs. Margaret Manier, staff nurse at Mary Harkness, pours. Around the table are, left to right, Hospital Trustee Benjamin Strong, Miss Hubbard, Dr. William A. Bauman, C. Douglas Auty, administrative assistant, Personnel, and Chaplain Robert B. Reeves, Jr.

Above, members of the Mary Harkness Convalescent Home Auxiliary are shown conversing at the tea. They are, left to right, Mrs. Robert C. Wheeler, Mrs. Benjamin Strong, auxiliary chairman, Mrs. Dudley B. Donald, Mrs. John T. Beaty and Mrs. William Bristol, Jr.



Another special event in the dining room (left) was the 80th birthday on May 12th of a patient, Mrs. Amanda Hirsch, who is blowing out the candles. Above is an overall view of the patients' dining room.

In addition, the Convalescent Home has 26 volunteers, persons who live in the area and donate their time and service. The Reverend Harold C. Buckminster is associate chaplain for the Convalescent Home.

And we must not forget Jimmy Wallace, who drives the station wagon that is the automotive link between 168th Street and Port Chester.

The goal of all the Convalescent Home's staff is dual . . . to achieve, in a beautiful country setting, a place that is somewhat hospital but almost home and with all the comforts of both.

This is accomplished not only through the Home's setting but in the overall air of informality.

Below — Sun, fresh air and swings bring happy moments for the children in Strong Memorial Wing. Nancy Pietruski, nurses aide, is as apt to push a swing as tell a quiet story.

Below left — Mrs. Mary Paight teaches child patients in front of the circus mural.

Right — Patients and staff join for a gay chorus around the piano in the "home-like" living room.



Margaret Eliot, R.N.—teacher, administrator, friend

(continued from page one) many different aspects of her profession. Certainly no one has exerted a warmer influence, nor made more friends for nursing than she. Even from her student days it was clear that Miss Eliot was destined to play an important role in her chosen profession. However, at her graduation in 1921 she was somewhat surprised to hear Miss Anna C. Maxwell, founder and director of the School of Nursing, say: "Be back in September. I need you as a head nurse."

Miss Eliot came back that September and she stayed on ever since. The bare outlines of the positions she filled at Presbyterian Hospital—head nurse, night director of nursing, instructor of nursing, assistant director of nursing, acting director, and then director of the Hospital's Nursing Service—give little indication of her real contribution. The range of Miss Eliot's activities has been so varied that no individual aspect can be singled out as her major achievement. The answer is to be found rather in the sum total of all she has done and, above all, in the way she has done it.

Teaching with a sense of humor

It is, however, as a teacher of Practical Nursing (now known as Nursing Arts) that she first made her name. Her charm and friendliness and her ability to make even the most routine topics interesting endeared her to all her students. She had the knack of being able to put them at ease, often bringing home a point by telling a joke on herself. When Presbyterian Hospital moved to its present site at the Medical Center, Miss Eliot took great pride in teaching with the new equipment and in the new demonstration room she had planned. "You learn more from Miss Eliot in one short talk," said one of her former students now in an important position here at the Hospital, "than from a whole lecture course given by someone else." "Her classes were fun, not work," added a colleague who has known Miss Eliot since her early days as an instructor.

Today there are literally hundreds of nurses in this country and abroad who have been taught by Miss Eliot and who in their turn are carrying on the warmly human tradition she symbolized in the lecture room, in the wards, and indeed everywhere she went.

"Nursing" for doctors

Many doctors too have been taught by Miss Eliot, for in 1929 she initiated a course in practical nursing instruction for medical students. Some of them are now doctors at the Medical Center; all without exception remember her lectures with fondest memories. "She taught us the real art of nursing," stated one physician; and another said "Margaret is great because she combines the highest ethical and professional standards with a tremendous ability to get things done and the most charming sense of humor. She really taught some of us how to be doctors."

In addition to teaching, Miss Eliot's great interest has been her constant desire to improve nursing care for patients. And in many ways she still feels that her first job (as head nurse on the Second Division Surgical Ward under Dr. Hugh Auchincloss) was the most important she ever had. Even when she later took on many administrative duties, Miss Eliot never lost touch with the patients. She always found time to visit them in their rooms and in the wards, bringing with her an incomparable zest for living. "She is," commented one of her colleagues, "the living embodiment of the expression: 'Service with a smile.'"

New ways for nurses

Working closely with the medical and the surgical staff throughout her career at the Hospital, Miss Eliot helped develop many new techniques and procedures in nursing, teaching her nurses to assist in many forms of treatment formerly done by doctors alone. Her interest and enthusiasm for developing the best possible nursing procedures for patient care never waned during her years of hospital service from the early days of croup tents and cupping to piped-in oxygen and wall suction.

Many people say that one of Miss Eliot's great contributions to nursing here was her keen understanding of the viewpoints and the problems of those working for her. Her unflagging efforts to improve working conditions for her staff and for nurses generally were basic rules of her administration. She was closely associated with the introduction of the 40-hour week for nurses and with the plan for group nursing begun in 1951. Her office has always been open to members of her staff whose ideas and suggestions she received graciously. Many of them were in fact incorporated into the 1952 *Survey of Graduates of the Presbyterian Hospital* carried out during Miss Eliot's administration. The impact of this survey, on which Miss Eliot wrote an article in the *American Journal of Nursing*, was far-reaching: it stimulated recruitment of nurses, helped raise the morale of those working here, and led to a stepped-up program of hiring more married nurses, nurses aides, and practical nurses.

Out of uniform

Miss Eliot's activities have been by no means confined to work within the Hospital. She has given, and undoubtedly will go on giving a great deal of time and energy to a wide range of community and social affairs. Thus from 1937 to 1953 she was president of Nurses House Inc., in Babylon, Long Island, and she is still on its board of directors. She is also a member of the American Nurses Association, the Southern New York League for Nursing, the Cosmopolitan Club, and the Women's City Club of New York. Nor has Miss Eliot ever lost contact with the numerous friends she has in her native New Haven, Connecticut. And Miss Eliot plans to make her home in nearby North Haven where she will live with her sister.

Rhyme with reason

A charming sidelight on Margaret Eliot's personality is the fact that as Chairman of the Social Committee of the Alumnae Association of the Hospital School of Nursing, she has always written her annual reports in verse. As she herself wrote last year, "I really can write a proper report, but of course I don't always do as I ought." And how lucky we are that she doesn't! Otherwise we could not enjoy such gems as these taken from her 1955 report:

A jingle I just have to do
In spite of being sad for you!
But I'm sure it will be a great relief
To know that I am always brief . . .

My report is ever much the same
And hardly worthy of the name.
But I do want to say we try our best
To make all the meetings a great success!



Miss Eliot at the '55 commencement.

Or these lines from her 1952 report:

The program committee did awfully well
And I'll leave all that for them to tell.
After the program is where we come in
You can almost always hear the din
Of cups, saucers, plates and spoons, if you wish,—
Then always some delicious dish
To keep you five or ten minutes more
Before you leave our Maxwell Hall door!
. . . And now please don't laugh at me—
As I ask you out on the lawn for tea!

Nurse, teacher, administrator, and friend, Margaret Eliot is many things to many people. And there are many ways to express one's thoughts on her retirement. But the other day in the main corridor of the Hospital a young nurse, wearing the blue and white striped uniform so beloved of Miss Eliot, expressed in these simple words what we all feel: "She sure will be missed."

We will all miss Margaret Eliot. But part of her—her inspiration and her warmth—stays on with us. As a good friend of Miss Eliot said not long ago: "Presbyterian Hospital will always remember the deep imprint she made here by her human touch."

Secretary Hobby speaks to the Class of 1955

(continued from page one) us, the laymen, grees at the Columbia University commencement on June 1st. The class also contained 18 married women . . . the largest in that category in the school's history. They represented 11 states and the District of Columbia.

Forecasting a further shortage of



Mrs. Hobby gives her address.

nurses, Mrs. Hobby called attention to proposals now before Congress for additional grants to states for training both professional and practical nurses.

The Commencement

W. E. S. Griswold, Jr., secretary of the Hospital and chairman of the Nursing Committee of the Board of Trustees, and Eleanor Lee, R.N., acting executive officer, Department of Nursing, presented the graduates' diplomas. Helen Young, R.N., director emerita of the School of Nursing, and Margaret Eliot, R.N., director of Nursing Service, presented the graduates' pins.

A reception for the graduates, their families and friends followed.

Meet the Class

The graduates' pre-nursing backgrounds indicate an increasing trend toward college training for nurses. Fourteen held bachelor of arts degrees and 83 received bachelor of science de-



Miss Eliot and Miss Lee go through the arch of diplomas.



President Cooper, Mrs. Hobby, President Kirk.



Graduates line up outside of Maxwell Hall to be "pinned."

A mid-point in the commencement ceremony (left) as one by one each graduate answers to her name and receives her diploma.

W. E. S. Griswold, Jr., secretary of the Hospital, shook each graduate's hand as he gave out the diploma. In background is Eleanor Lee, acting executive officer of the Department of Nursing, Columbia University.



Chancellor Kent Lodge gives funds toward an endowed bed

As its third gift to the Hospital since 1948, Chancellor Kent Lodge No. 870 Free and Accepted Masons presented on May 2nd a \$6,000 check as the first installment on an endowed bed. The presentation was made at a meeting of lodge members and their wives at the Masonic Club, 71 West 23rd Street.

Richard N. Kerst, assistant vice-president and assistant treasurer of the Hospital, accepted the check from George J. Weissman, chairman of the lodge's campaign to raise funds for an endowed bed in Presbyterian Hospital.

Lawrence Braunstein, a past master of the lodge, commented that Chancellor Kent had become interested in helping the Hospital because of the ways in which the Hospital had served

members and their friends. He urged the Lodge's 500 members to keep up their contributions so that the \$10,000 endowment could be fulfilled this year.

Chancellor Kent Lodge, through its members' contributions, previously presented two iron lungs to the Hospital—one in 1948 and the second in 1951.



Mr. Kerst accepts gift check from George J. Weissman of the Chancellor Kent Lodge.

Dr. Mark describes research on intravenous anesthetics

A grant to support research on the mode of action and physiological effects of intravenous anesthetics has been awarded to Dr. Lester C. Mark, assistant attending anesthesiologist and assistant professor of anesthesiology.

The grant comes from the Department of the Army, Office of the Surgeon General, and became effective June 15th.

A new finding, which is an interesting part of this research, was announced by Dr. Mark in California on April 14th in his paper, "Passage of Thiopental and Other Barbiturates into the Brain." Given before the annual meeting of the Federation of American Societies for Experimental Biology, the paper detailed experiments which verified that sulphur barbiturates such as pentothal penetrate the brain more easily than do oxygen barbiturates like nembutol. This, concluded Dr. Mark, was due to the fact that the sulphur barbiturates are more fat-soluble.

Co-researchers with Dr. Mark were: Dr. C. Ines Campomanes, clinical fellow, Dr. S. H. Ngai, assistant anesthesiologist and associate now on leave of absence, Dr. Emanuel M. Papper, director of Anesthesiology Service and professor and executive officer of that department in Columbia, all of the Medical Center; Dr. J. J. Burns and Natalie Trousof of Goldwater Memorial Hospital; and Dr. Bernard B. Brodie of the National Heart Institute.

Dr. Dunnington honored as lecturer to London society

Dr. John H. Dunnington, director of the Service of Ophthalmology and professor and executive officer of that department in Columbia University, is the third American since 1923 to present the Bowman Lecture before the Ophthalmological Society of the United Kingdom. He gave his lecture April 28th in London on the subject, "Ocular Wound Healing with Particular Reference to the Cataract Incision."

This lecture was established in honor of Sir William Bowman, first president of the British Ophthalmological Society. The other two Americans accorded the honor of giving that lecture were Dr. G. E. DeSchweinitz in 1923 and Dr. Arnold Knapp, consultant to the Hospital and professor emeritus of ophthalmology of Columbia University, in 1946.

On May 12th, Dr. Dunnington read a second paper, "Hypotony After Cataract Extraction," before the Royal Society of Medicine.

Dr. Meleney's long service to P & S Club marked at dinner

Dr. Frank L. Meleney, attending surgeon and professor of clinical surgery, was honored May 11th for his services as chairman of the P & S Club's board of advisors during the past decade. The reception and dinner in Bard Hall was also a part of the club's 60th anniversary celebration this year.

Dr. Meleney, who has been active with the club since 1916, retires from active service at the Medical Center on June 30th when he will become professor emeritus of clinical surgery. He and Mrs. Meleney will summer at Martha's Vineyard and in October take up residence in Coral Gables, Florida where Dr. Meleney will engage in private practice in the Miami area.

Mrs. Meleney, a P.H. nursing graduate, was also an honored guest at the dinner.

Presentation of a projector for color slides was made to the Meleneys by Dr. Aura E. Severinghaus, associate dean of the Faculty of Medicine and vice-chairman of the advisory board. Dr. George A. Perera, associate attending physician and associate professor of medicine, who has been elected the new chairman of the advisory board, was toastmaster.

Friends of the Meleneys, former officers of the P & S Club and of its advisory board were among the guests. On view were printed programs of club events from as long ago as 1903 and pictures of former officers and charter members.

The dinner provided not only a "farewell" to Dr. Meleney and a way of expressing the club's thanks for his long-time interest, but also a reunion among those associated with the club.

P & S Alumni Room Opens

As a service to alumni of the College of Physicians and Surgeons, the Alumni Room on the first floor of the college is now open each weekday afternoon from 1 to 5 p.m. and on Monday and Friday mornings from nine to noon.

The room is used by alumni as a study, for small conferences or for alumni meetings. With the cooperation of the Medical Library it is hoped to have small exhibits which will be of interest to alumni in the various medical fields.

On duty to assist alumni are two receptionists, Mrs. Virginia Newes and Miss Deborah Auerbach.

Medical Center staff active in New York Academy of Medicine

Although Medical Center staff members frequently are in the foreground in the activities of scientific societies, we nevertheless were interested to find that 22 had participated in the New York Academy of Medicine's recent programs and eight have been elected recently to office in specialty sections of the Academy.

Retiring section chairmen who have been elected to the Academy's advisory committee include *Dr. Hattie E. Alexander*, attending pediatrician and associate professor of pediatrics; *Dr. DeGraaf Woodman*, attending otolaryngologist and clinical professor of otolaryngology; *Dr. Stanley M. Bysshe*, associate attending obstetrician and gynecologist and associate professor of clinical obstetrics and gynecology.

Elected chairmen of sections were *Dr. Maynard C. Wheeler*, attending ophthalmologist and clinical professor of ophthalmology, and *Dr. Lawrence W. Sloane*, attending surgeon and associate professor of clinical surgery.

Elected secretaries of their respective sections were *Dr. John Kingsley Lattimer* of the Urological Service and Department, the section on genito-urinary surgery; *Dr. Alan F. Guttmacher*, clinical professor of obstetrics and gynecology, the section on historical and cultural medicine; *Dr. Carl T. Nelson*, director of Dermatological Service and executive officer of that department in Columbia University, the section on dermatology and syphilology.

Officers of scientific societies allied with the Academy include *Dr. Rollo J. Masselink*, attending neurologist and assistant professor of clinical neurology, secretary of the New York Neurological Society; *Dr. Frederick A. Mettler*, professor of anatomy, chairman of the Society for Experimental Biology and Medicine; *Dr. Harold W. Jacob*, acting director of Radiological Service and acting executive officer of that department in Columbia University, president of the New York Roentgen Society; *Dr. Harry P. Smith*, director of the Service of Pathology and executive officer of that department, president of the New York Pathological Society.

As previously noted in Stethoscope, the Academy's president, *Dr. Edward J. Donovan*, and its three vice-presidents are all Medical Center men. Three of our staff are Academy trustees—*Drs. William Barclay Parsons, Henry Alsop Riley* and *Benjamin P. Watson*,

all consultants to the Hospital and professors emeriti in the University. Three from the Medical Center are on the 12-member committee on admission of the Academy. *Dr. Frederick R. Bailey*, associate attending physician and associate clinical professor, is chairman of the Academy's public health committee.

Honorary Degree for Dr. Pfeiffer

Dr. Raymond L. Pfeiffer, attending ophthalmologist and associate professor of clinical ophthalmology, was awarded an honorary doctor of science degree from Wittenberg College, Springfield, Ohio, at its 110th commencement exercises on June 6th. *Dr. Pfeiffer*, who became a member of the Hospital's 25-Year Club this year, is a Wittenberg alumnus.

THREE CHEERS FOR P.H. PERSONNEL

who have gone
OVER THE TOP in the

Greater New York Fund
Campaign for 1955

Toward a goal of \$5,000

2,599 persons gave
the fund \$5,512.62
an average contribution
of \$2.12

In 1954, our campaign contributions totaled \$4,980.25, an average gift of \$2.08.

Names Make News

At this time of the year, romance is in the foreground and we find several engagements announced. They include:

Dr. Edwin P. Maynard, assistant resident on Medical Service, to *Elizabeth Sprague Simonds*, student nurse and president of the Class of 1957.

Maureen Foster, operating room nurse supervisor will be married to *Dr. George V. Lyons* on June 11th.

Joan Sandra Rollat, head nurse on Harkness 4 treatment room, to *William George Ball, Jr.*, who is with Air Reduction Company.

Joan B. Coddington, nurse supervisor in Babies Hospital, to *Richard S. Chamberlin*.

Patricia Tibbals, a P.H. graduate and now a head nurse in Psychiatric Institute, to *Dr. George Schnack* of Honolulu, who is a resident in psychiatry here.

Ann Dahlquist, nurses aide, to *William Gaffney*, now stationed at Fort Benning, Ga.

Eva Steinbach, student nurse, and *Charles Carlson* have set June 26th as their wedding date.

Another engaged student nurse is *Violet Pochari* who is the fiancée of *Donald J. Curley*. Mr. Curley is associated with the Mutual Trust Life Insurance Company and a lieutenant (j.g.) in the Naval Reserve.

Four seniors in the School of Nursing

will be married after graduation. They are:

Dorothy Boback on June 11th to *Harold C. Pabst, Jr.*

Marguerite O. Temple, president of the Student Government, to *Edwin O. Stivers*, who is with the National Broadcasting Company. Their wedding will be June 25th.

Barbara M. Hill and *Patrick T. McLoughlin*, third year student in the College of Physicians and Surgeons, who will wed in August.

Gail Ganter and *Carl F. Meier*, also a third year medical student, whose marriage is set for November 5th.

Married

When we checked with our reporter for Neuro social service, *Elka Person*, we had the happy experience of greeting her on her first day back at work after her marriage on May 8th to *Myron Fink*, an attache to the Court of General Sessions.

Beatrice Ainslie, evening head nurse, became Mrs. *Thomas J. Kraeck* on May 28th.

Frances Salter, head nurse in Neurological Institute, was married to *Dr. Hartwell Greene Thompson, Jr.*, resident on Neurological Service, on May 21st.

The marriage of *Elizabeth Blake*, head nurse in the operating room, to

(continued on page ten)

Names Make News

(continued from page nine)

Dr. Stephen P. Ferrero, who is now a resident at Francis Delaheld Hospital, took place April 30th.

Senior nursing students married before graduation were:

Jean Marie Harrington, to First Lt. Robert F. Dobbins of Mount Vernon on April 30th.

Victoria Killip and Dr. Ralph Bryan Moore, Jr., senior resident in pediatrics at New York Hospital, on May 7th in Rochester.

Margaret W. Miller and James Farber on May 7th.

Ellen Bell and Bruce Pilling on April 2nd.

Newly wed is Sarah Swick, student nurse in the Class of 1956, to John T. Becker on May 30th.

Edna Pasmik and Alan Nelson on June 2nd.

Proud Parents

Under this title we wish to congratulate the mothers whose children won New York State University Scholarships in May. They are Mrs. Ida Kaudever, head nurse on Anesthesiology Service; Catherine O'Prey, nurses aide in the Sloane Hospital nursery; Alice Knopf, nurses aide on Harkness 11, and Anna Crawford, nurses aide on P.H. 8 east.

New parents are Dr. Charles M. McKean, resident on Pediatric Service, and Mrs. McKean whose daughter Laurie Moore, arrived April 27th—too late to pose with her father in the series for the Hospital's current brief report which portrays a day in the life of a resident.

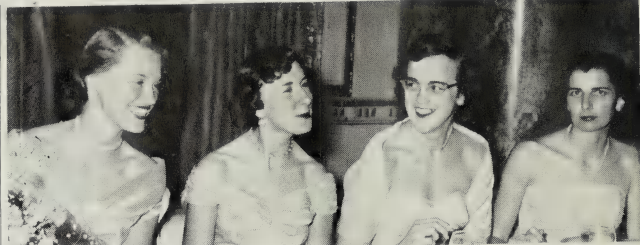
William E. Vanderhaak, accountant in the Comptroller's Department, and his wife welcomed their daughter, Lauren, on April 21st.

Friday, May 13th was a lucky day for Dr. Abel L. Lajtha of Psychiatric Institute and his wife Marie who was a technician in the Institute of Cancer Research. Their first child, Terry Anne, was born.

Maurice Briefer, physical therapist, and Mrs. Briefer welcomed their first child on May 2nd. They named her Daryl Leslie.

Here and There about P.H.

We like Regina Weiss' idea of a bright decor for a cart she uses in her work as lab technician in polio research. She's painted the frames a gay red.



Graduates of the School of Nursing enjoyed the Alumnae Association dinner for them in the Hotel Pierre on May 26th. Surprised by the camera above are, left to right, Mary Kunkel Eldredge, Beverly Ann Roberts, Barbara Anne Herrin, Jeanette Ferris Lyons.

A study in determination and ambition is Rudolph St. Clair Cumberbatch, who works as a nursing attendant from midnight to 8 a.m. after attending classes in Columbia University's School of General Studies which on June 1st brought him a bachelor of science degree. He has maintained this schedule (and an A minus average) since he enrolled in 1952. He plans to be "Dr. Cumberbatch" after he finishes graduate medical studies at Harvard where he has received a full-tuition scholarship. Then he will return to his home in Barbados, British West Indies, to establish his medical practice and specialize in obstetrics.

Convention Delegates

Our Social Service Department was represented at two national meetings in that field. Anne Stockhamer attended the American Psychoanalytic Association convention in Atlantic City on May 6th to 8th. Mildred Stilwell, associate director, and Mrs. Marion Pollack, of Babies Hospital Social Service, attended the National Conference of Social Workers in San Francisco during the first week of June. After the meeting they will spend their summer vacations touring the southwestern states, Grand Canyon and Yellowstone National Park.

Virginia T. Kilburn, associate director of training for occupational therapist, and Eunice Ford of the Hospital's O.T. department, were delegates to the American Hospital Association Convention's Institute for Occupational Therapists in Philadelphia from April 25th to 29th.

Attending the American Nurses' Association convention in St. Louis, Missouri during the first week of May were Mary Allanaach, assistant professor; Kathryn Egan, head nurse on P.H.G.; Delphine Wilde, assistant director of

nursing for Orthopedic Surgery Service; and Priscilla Parke, supervisor, premature nursery.

News of former P.H.ers

Mabel Davies, who came from London in 1910 to train as a nurse under the late Miss Anna C. Maxwell, founder and first director of the Presbyterian Hospital School of Nursing, retired on May 1st after 30 years as administrator of Beckman Downtown Hospital. Miss Davies was graduated from the School of Nursing in 1915 and served Presbyterian Hospital first as a nurse, and after military and Red Cross nursing in Europe during World War I, came back to work as assistant director of nursing and assistant superintendent. Her record as a nurse and hospital administrator has been acclaimed by leaders in the field and among congratulatory messages on her retirement were telegrams from President Eisenhower and Governor Harriman.

Charles Wolfsohn, former head gardener, is the recipient of many "get well quickly" wishes from his friends here. He underwent surgery on May 18th in Biggs Memorial Hospital, Ithaca.

Mrs. Allaway to visit sisters in West Indies

In 1918, Mrs. Maud Allaway left her home in Trinidad, British West Indies, to see the America she heard about. She married, had a son, became a citizen and in 1944 went to work for Presbyterian Hospital as a salad maker. Never did she lose her fascination and pleasure in living in New York. After her retirement, which took place officially on June 1st, Mrs. Allaway is going back to the British West Indies but only for a visit to her four sisters. Then it's back to New York and "home."

The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

Volume 10, No. 6

July-August, 1955

At the conventions with P. H. physicians

Medical Center physicians this summer are taking part in literally scores of scientific meetings in this country and abroad. At one of the largest, the American Medical Association convention in Atlantic City in June, 22 of our doctors presented papers or discussions and 13 presented medical exhibits. Other major meetings attended by our doctors include the American Neurological Association convention in Chicago and an international pediatric conference in Quebec. (cont. on page three)

New dermatology unit starts 1955 alteration program

They are ripping out plaster and knocking down walls on the eighth floor Medical to make way for the new Dermatology ward unit to provide, for the first time in the Hospital, in-patient facilities for skin-disease sufferers. This group comprises almost ten percent of all those who come here for treatment.

Dermatology is the first project in the Hospital's 1955 general alteration program to get under way. Other projects to follow soon: modernization of the clinical pathology labs on the eighth and ninth floors; conversion of fifth and eleventh-floor wards to smaller semi-private units; improvement and remodeling in Harkness Pavilion's eighth floor for obstetrical cases and ninth floor for women patients. Estimated cost of the total program, which should be completed by the end of the year, is \$350,000.

By early fall, Dermatology will have two four-bed wards, each with its own day room for patients and visitors, a central nurses' station, a completely equipped treatment room, and special toilet and bathing facilities for patients. It will have (cont. on page six)



Eleanor Lee, R.N.



Marion D. Cleveland, R.N.



Helen F. Pettit, R.N.

Miss Lee is appointed director of nursing

Appointment of Miss Eleanor Lee, R.N., as both director of nursing for Presbyterian Hospital and executive officer of the Department of Nursing of the Faculty of Medicine, Columbia University, was announced this summer.

Under a new administrative arrangement, Miss Lee will captain a three-person team. Miss Marion D. Cleveland, R.N., as director of nursing service, will head up nursing care for patients in the Hospital while Miss Helen F. Pettit, R.N., director of nursing education and associate professor of nursing of the Faculty of Medicine, will be responsible for the educational program.

These appointments were jointly announced by Charles P. Cooper, president of The Presbyterian Hospital, and Dr. Grayson Kirk, president of the University. The appointments, made following the recent retirement of Miss Margaret Eliot, R.N., as director of the Hospital's Nursing Service, had the approval of the Boards of Trustees of both the Hospital and the University.

Miss Lee, known for her work as nursing educator, historian and editor, has authored the "History of the School of Nursing of the Presbyterian Hospital" (1942) and the chapter on the Department of Nursing in the forthcoming "Bicentennial History of Columbia University." She has been editor of two texts for nurses, "Essentials of Nursing," by Helen Young, director emeritus of the Presbyterian Hospital School of Nursing (co-author with Miss Young of the 1948 edition) and the 1955 edition of "Lippincott's Quick Reference Book for Nurses." Miss Lee organized the School of Nursing's extensive Florence Nightingale Collection and has served as its curator since 1932. (cont. on page two)

The Stethoscope

July-August 1955

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Francis V. Britt named administrative assistant, buildings and grounds

Francis V. Britt, who insists he works on his own home for recreation, has a lot of buildings to look after at the Medical Center. He has been appointed administrative assistant for buildings and grounds.

A native of Cambridge, Mass., he still has a bit of northeastern twang in his voice, although he calls himself, "virtually a New Yorker." His hobby of sailing is another typical mark of one from the Bay State.

A graduate of Northeastern University in Boston, he served as an engineer with Western Union Telegraph Company and as consultant engineer with an architectural firm. He was engaged on the construction of military air bases in the Atlantic area, then entered the



Francis V. Britt

Navy and served as an officer with the Seabees in the South Pacific.

Before coming to the Hospital he headed the engineering division of Birdseye, a subsidiary of General Foods Corporation. Mr. Britt and his wife reside in Springfield Gardens on Long Island.

Miss Lee appointed (continued from page one)

A graduate of Radcliffe College in 1918 and of the Presbyterian Hospital School of Nursing in 1920, Miss Lee began teaching after a year as head nurse on the Surgical Service. She was named educational director of the School in 1926, assistant professor of nursing and assistant director of nursing in 1937 and acting executive officer of the Department of Nursing in 1950.

Active as officer and member of numerous nursing organizations, Miss Lee has served as treasurer and vice-president of the New York Counties Registered Nurse Association, was for ten years on the Board of Nurse Examiners of the University of the State of New York and during World War II directed nurse recruitment for Army and Navy Nurse Corps with the American Red Cross, New York Chapter.

Miss Cleveland

Both Miss Cleveland and Miss Pettit are graduates of the School of Nursing here and have worked with Miss Lee on sections of the two nursing texts. Miss Cleveland, Class of 1927, is an assistant professor of nursing and served formerly as assistant director of nursing for medical and surgical patients. The holder of B.S. and M.A. degrees from Columbia, she has taught

in Teachers College and in Hunter College.

Miss Pettit

Miss Pettit, Class of 1936, worked for five years as staff and head nurse in The Sloane Hospital. She became a member of the nursing faculty in 1941 and assistant professor of nursing in 1943. Recently elected chairman of the Southern New York League for Nursing's steering committee for baccalaureate and higher degree programs, Miss Pettit also is active with the New York State Nurses Association. She holds a Columbia B.S. and an M.A. from New York University.

Other nursing appointments

Other changes in the nursing staff have been announced:

Mary I. Crawford, formerly of Maternity Center Association, has been named assistant director of Nursing Service for obstetrics and Ruth M. Guinter, assistant director of Nursing Service for medicine.

Named as supervisors were Margaret A. DelMar, medicine and surgery; Margaret E. Douglass, surgery, 14th floor, and Kathryn Y. Egan, medicine, 9th floor.

In Memoriam

Mrs. T. Satterthwaite, a Babies Hospital founder

A link to the earliest days of Babies Hospital, Mrs. Thomas E. Satterthwaite, died at the age of 97 on June 28th. She was the first treasurer of Babies Hospital and a member of its first Executive Committee. She served as a charter member of the Board of Managers and, until her death, was an honorary member of the Board of Women Managers.

Mrs. Satterthwaite was the widow of of the late Dr. Thomas E. Satterthwaite who was president of Babies Hospital from 1894 to 1898 and a director from 1893 to 1905.

John B. Stewart, food cashier in the Treasurer's Department for 18 years, died on June 14th. He retired in 1946.

Mrs. Nellie Woods, a nurses aide who started with the Hospital in March, 1928 as an aide in Sterile Supply, passed away June 11th. She had been in retirement since September 1949.

The death of **Mrs. Catherine Swanson** took place June 10th. She was a food cashier from May 1952 until August 1953 when she retired.

At the conventions . . .

(cont. from page one) Highlights reported from Atlantic City are:

A new way to study paralyzed eye muscles by means of the oscilloscope, a device which uses needle electrodes to photograph action currents from eye nerves and muscles. Reported by *Dr. Joseph Moldaver*, assistant attending neurologist.

Demonstration of the autoanesthesia, a new machine which automatically regulates the flow of anesthetic (nitrous oxide) to the patient according to his expirations of carbon dioxide. Another part of this same exhibit by *Dr. M. Jack Frumin*, assistant attending anesthesiologist and assistant professor, was an artificial thorax built into a rubber bag used for research in simulating action of the human lungs.

Award received

Honorable mention award for an exhibit showing clinical results of a new drug, metacortandracin, effective in the relief of bronchial asthma. To *Drs. Alvan L. Barach*, associate attending physician and clinical professor, *Hylan A. Bickerman*, assistant physician, Vanderbilt Clinic and associate, and *Gustav J. Beck*, assistant physician.

An exhibit of advances in otolaryngology, prepared by members of the Otolaryngology staff, showing that ear, nose, and throat operations have more than doubled in the past twenty years at Presbyterian Hospital.

A paper and exhibit on epilepsy in children, stressing the need for psychological and psychiatric approaches to the disease as well as the purely neurological method of treatment. Presented by *Dr. Frederic T. Zimmerman*, assistant attending neurologist, with *Bessie Burgomeister*.

Studies of Parkinsonism, effects of new drugs, and new methods of electronic recordings to measure changes in different types of this disease were shown in an exhibit by *Dr. Lewis J. Doshay*, associate attending neurologist and *Dr. William Amols*, assistant neurologist.

Other topics

Among papers presented by staff members at the A.M.A. convention: cystic fibrosis of the pancreas—*Dr. Paul A. di Sant'Agnese*, assistant attending pediatrician and assistant professor; chemotherapy of renal tuberculosis—*Dr. John K. Lattimer*, now director and



At the E.N.T. exhibit in Atlantic City, *Dr. Fowler*, director of service, chats with *Dr. Aram Glorig* of California.

Epanchin

executive officer, urology; disorders of the esophagus—*Dr. Daniel C. Baker, Jr.*, associate attending otolaryngologist and associate clinical professor, with *Dr. Charles A. Flood*, associate attending physician and associate professor of clinical medicine.

Neurologists in Chicago

At the June meetings of the American Neurological Association in Chicago, members of the Neurological Institute staff reported on migraine headaches, psychosurgery, brain tumors, and other subjects. Of particular interest were:

A new operation for relief of burning pains in the fingers caused by compression of the median nerve in the carpal tunnel of the wrist. This involved total removal of all chronically inflamed and non-functioning tendon sheaths in the carpal tunnel. Reported by *Dr. John E. Scarff*, attending neurological surgeon and professor of clinical neurological surgery, and *Dr. C. T. Vicale*, attending neurologist and associate professor of clinical neurology.

Experiments to determine the origin of protein in cerebrospinal fluid in normal and pathological states. Described in a paper by *Dr. Joseph Ransohoff*, associate attending neurological surgeon and assistant professor, and *Dr. Robert A. Fishman*, assistant neurologist.

Observations on the psychological reactions of patients during and immediately following psychosurgery. Con-

tained in a paper by *Drs. Ransohoff, Stanley Lesse*, assistant attending neurologist; *Paul Hoch*, formerly of Psychiatric Institute now New York State Mental Health Commissioner, *Murray Glusman*, assistant neurologist in Vanderbilt Clinic and *Dr. Norman Sloan*.

Re-evaluations of the diagnostic significance of electro-encephalograms taken on sleeping patients—*Drs. Paul F.A. Hoefler*, associate attending neurologist and associate professor of neurology, *Eli S. Goldensohn*, assistant attending neurologist and assistant professor, and *Dr. Lutz Rosenkoetter*.

Pediatricians in Quebec

Doctors from Babies Hospital took part in the combined meeting in Quebec of the American Pediatric Society, the British Paediatric Association, the Society for Pediatric Research, and the Canadian Paediatric Society.

Significant modification of childhood nephrosis after treatment with adrenocortical hormones was noted in a paper by *Dr. Conrad M. Riley*, assistant attending pediatrician and assistant professor, and *Dr. Ruth A. Davis*, assistant pediatrician.

"Induced heritable changes in poliomyelitis viruses" was the title of a paper jointly presented by *Dr. Katherine Sprunt*, assistant pediatrician; *Dr. Isabel Morgan Mountain*, research associate in microbiology; *Dr. Hattie E. Alexander*, attending pediatrician and associate professor; and *Winifred R. Redman*.

Dr. Cahill likes his 'promotions'

Urology has come a long way since Dr. George Francis Cahill began practicing in Presbyterian Hospital 35 years ago. Many of the milestones in its progress stem from his pioneering work at the Medical Center.

Now retiring as director of Urological Service and professor and executive officer in the University—positions he has held since 1939—Dr. Cahill can look back with satisfaction on a long and distinguished career as a surgeon, as a urologist, and as a teacher. Too busy to look back, Dr. Cahill characteristically is more concerned with his future plans as consultant to the Hospital and professor emeritus. "I feel as if I have been promoted," is the way he puts it.

Dr. Cahill is one of the men who helped build up the J. Bendley Squier Urological Clinic. That clinic, which functions as a unit of the Hospital, began as a dream of the late Dr. Squier to establish a special hospital for the treatment of urological disorders.

Freedom from administrative chores will give Dr. Cahill time to write a history of the Squier Clinic, raise funds for an expansion of the clinic's work; and prepare, with other staff urologists and physicians, a text on the adrenal glands, about which Medical Center men have made famous medical discoveries.

The adrenals are small glands, weighing about five grams and located just above the kidneys. "They became the province and the interest of urologists out of a kind of good-neighbor policy," explains Dr. Cahill with a smile.

Yet the work of Dr. Cahill and others at the Medical Center on these small "neighbors" of the kidneys helped open a whole new horizon of medical study. Dr. Cahill pointed out that interest in the adrenals was stimulated when Dr. Robert F. Loeb, director of Medical Service and professor and executive officer, Department of Medicine, discovered that the adrenals control the salt and water in the human body. "It became evident that a variety of disorders required an accurate x-ray picture of these glands, and this was the impetus for our work on adrenal airgrams," Dr. Cahill said.

He explained that airgrams are x-ray photographs of the adrenals taken after air has been injected into the adjacent soft tissues; they show enlargements such as tumors, and other malformations undetectable by other means.

Dr. Cahill's airgram technique threw light on a subject about which little was known. Today the use of oxygen to outline the adrenals is standard medical procedure, safe and relatively simple.

One of Dr. Cahill's major contributions was his classification of tumors of the adrenals. With Dr. Marcel Goldenberg, assistant physician and assistant clinical professor of medicine, he put in use a new test for pheochromocytoma, a tumor which often masquerades as essential or malignant hypertension, as hyperthyroidism or as diabetes.

Numerous honors have come to Dr. Cahill. In 1947, Dr. Cahill, together with Dr. Meyer M. Melicow, assistant urologist, and assistant clinical professor of urology, received a gold medal for their exhibit on "Tumors of the Adrenal Gland" at the 100th anniversary meeting of the American Medical Association, and the exhibit was awarded first prize by the American Urological Association. In 1948, Dr. Cahill received the Trimble Medal from the Maryland Medical and Surgical Society.

His research led Dr. Cahill to pioneer in surgery of the adrenals although his reputation as a surgeon is based on wide clinical experience in hospital general surgery and in the front lines during World War I. Colleagues say, "George is always the coolest man in the operating room."



Dr. Cahill

Life begins at retirement for these Medical Center physicians



Dr. Lenz

DR. MAURICE LENZ, who was named professor emeritus of clinical radiology of Columbia University and consultant to Francis Delafield Hospital on July 1st, plans to spend the next year studying and lecturing in Europe.

Consultant to Presbyterian Hospital since 1917, Dr. Lenz began here as an assistant dermatologist in Vanderbilt Clinic in 1917. After serving in the Medical Corps of the American Expeditionary Force, he spent two years of study in European clinics.

Before rejoining Presbyterian Hospital in 1930, Dr. Lenz was on the staffs of Mt. Sinai and Montefiore Hospitals. He served as chief of the radiotherapy division of Presbyterian Hospital from 1931 to 1946.

Dr. Lenz, who helped plan Delafield Hospital's radiotherapy department, has headed that department for several years. His published works deal with radiotherapy for cancer of the larynx, pharynx, and breast.

A former president of the American Radium Society, Dr. Lenz was vice-president of the New York Cancer Society until mid-July. He is a diplomate of the American Board of Radiology and belongs to numerous organizations in his field.

Dr. Meleney—co-discoverer of bacitracin

The medical world knows Dr. Frank Lamont Meleney for his work on surgical infections and on antibiotics in general and for his share in the discovery of bacitracin in particular. Here at the Medical Center we know him also as a person of great warmth and humanity, some measure of which is reflected in the warm tones of his paintings at the annual art exhibits.

One of Dr. Meleney's outstanding achievements in the medical field is the Laboratory of Surgical Bacteriology which he founded in 1925 at the Presbyterian Hospital and which has gained world-wide recognition for its work on the study of peritonitis, the use of ultra-violet light to sterilize air in operating rooms, the safeguarding of the sterility of cat gut, and the development of bacteriophage zinc peroxide.



Bacitracin, the first antibiotic to be discovered, isolated, purified, and prepared all within a single institution, came into being in 1943 during the

During World War I, Colleagues say, "George is always the coolest man in the operating room."



Dr. Donovan

Babies Hospital's traditional "farewell gift," silver coffee pots, were presented to **DR. EDWARD J. DONOVAN** and **DR. ALFRED G. LANGMANN** who became consultants July 1st.

An attending surgeon until his retirement, Dr. Donovan worked closely over the years with many of the surgical interns and residents at Babies Hospital. He was also associate clinical professor of surgery at P & S, from which he graduated in 1920; and an attending surgeon on the staff of St. Luke's Hospital.

Dr. Donovan this year was elected president of the New York Academy of Medicine. He has served also as president of the New York Surgical Society.

Dr. Langmann, an attending pediatrician and assistant clinical professor of pediatrics, is a graduate of Harvard College and Medical School. He came to the Medical Center in 1921 as an assistant in pediatrics in the University. In 1929 he became attending pediatrician in Vanderbilt Clinic, and in 1932 adjunct assistant attending pediatrician in Babies Hospital. He was made an attending pediatrician in 1935. He served the Manhattan Eye, Ear and Throat Hospital as attending pediatrician from 1926 to 1941 when he was named consultant pediatrician to that hospital. He is a diplomate of the American Board of Pediatrics.

Loose Leaf Medicine.

Dr. Amberson, a diplomate of the American Board of Internal Medicine, was president for five years of the New York Tuberculosis and Health Association, president in 1942 of the National Tuberculosis Association, vice-president of the New York Academy of Medicine from 1945 to 1947, and president in 1949 of the American Trudeau Society. He is president of Trudeau Sanatorium and a Trustee of Potts Memorial Institute.

The author of numerous publications on tuberculosis, Dr. Amberson edited the chest disease section in the Year Book of General Medicine, and chapters on tuberculosis in Cecil's Textbook of Medicine, and in the Oxford Loose Leaf Medicine.

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When the child was brought to Presbyterian Hospital with a broken leg, damaged tissue from her wound was sent to the research laboratories as a matter of routine. It was examined by Dr. Meloney's research associate, Miss Barbara Johnson, who noticed that one organism in it was inhibiting the growth of other organisms from the wound. After considerable checking and rechecking, Miss Johnson and Dr. Meloney isolated the germ-killing material which this organism produced. They purified it, and prepared a new antibiotic, later found highly effective in curing many infections. It was called bacitracin in honor of little Margaret Tracey.

As director of the Laboratory of Surgical Bacteriology, Dr. Melency gave an inspiring leadership to those who worked with him. And, as a colleague said recently, "his great capacity for arousing enthusiasm and his devoted interest in research on surgical infections contributed to the success of many younger surgeons and research workers." Further evidence of this interest in helping people was his long chairmanship of the Board of Advisors of the P. S. Club.

In addition to his work on bacitracin Dr. Melency was one of the first in the United States to use penicillin in extensive clinical trials and he is well-known for his research on the etiology and treatment of the undemining, burrowing ulcers, and synergistic gangrene.

One of the Founders Group of the American Board of Surgery, he has belonged to numerous medical and surgical societies and was chairman of the National Research Council's subcommittee on surgical infections.

Dr. Metelcay, a graduate of Dartmouth College in 1910, completed his medical studies at Columbia in 1916, served his internship at Presbyterian Hospital, and became instructor in surgery in 1919. He then served four years at Peking Union Medical College in China where he made outstanding contributions to the study of acute hemolytic streptococcal gangrene. He continued his interest in China and is a co-founder and vice-president of the American Bureau for Medical Aid to China.

Before being made consultant to the Hospital and professor emeritus of the University on his retirement June 30th, Dr. Melney was attending surgeon and professor. He plans to live in Coral Gables, Florida where he will continue private practice.

Some idea of Dr. Melency's role as a doctor may be gained from the citation accompanying the honorary degree as doctor of science Dartmouth gave him this June:

"Since Lister's time, no surgeon has studied as intensively and has made so many original contributions to . . . the bacteriology of infection and inflammation requiring surgical therapy." To his friends and associates he will always be, as one of them said not long ago, "a tower of strength that stands four-square to all the winds that blow."

Other physicians retiring June goth were **DR. HARBECK HALSTED**, attending obstetrician and gynecologist and clinical professor; and **DRS. CHRISTINA M. LEONARD, JOSEPH LIVINGSTON**, and **DR. PAUL LOEWY**, assistant neurologists in Vanderbilt Clinic.

Dr. Halsted, a graduate of P & S in 1911, has been on the staff of The Sloane Hospital for Women since 1917. He became a clinical professor at Columbia in 1916.

Dr. Livingston, a native of Breslau, Germany, took his training and residency there. He came to Vanderbilt Clinic in 1938 and has worked also in Psychiatric Institute and Jewish Memorial Hospital.

Other retirements

appear on
page six

Life begins . . .

LILA FINLAY can be described as one of the historians of physical therapy in the Hospital. A registered nurse, she began as physical therapist here in 1929 and was the first therapist to work with private patients. "I was the only physical therapist in Harkness for years," she says as she tells of the increase in staff to its present three full time and two part time workers. Miss Finlay, who retired July 1st as supervisor of physical therapy in Harkness Pavilion, relates "the doctors and nurses were always lovely and cooperated with me 100 per cent."

Now settled in Newburgh, New York, Miss Finlay plans a trip to Quebec soon.

One of the persons who moved uptown with New York Orthopaedic Hospital in 1951 was ERNA ELLIS, supervisor in Housekeeping before her retirement last month. Miss Ellis didn't completely change hospitals though because with Presbyterian she was in charge of fifth floor orthopedic.



Erna Ellis

Joining the country branch of New York Orthopaedic in 1937 as executive housekeeper, she later worked for that hospital on 59th Street.

Several parties, given by housekeepers of all the Hospital's units and by her friends on the orthopedic floor, were held in Miss Ellis' honor. After a summer of resting, she plans to travel.

PATRICK (PAT) KEHOE has learned all the highways and by-ways of the Hospital in his 11 years as porter in Housekeeping Department. He has been up and down and around in Vanderbilt Clinic too at what he terms "a good strong pace."

He will continue to keep on the go during his retirement, which began on July 8th. His first stop is his native Emerald Isle. Then he plans to return to New York and "see what there is to see."

New dermatology unit . . .

(cont. from page one) a residents' office, and further down the corridor at the east end of the eighth floor, two offices for the director and attending staff.

An integrated unit of this kind has many advantages: better care for patients (who previously were put in available beds of other services); selection of dermatological patients on the basis of their research and teaching value; and more systematic instruction of medical students and training of both house staff and nurses in the care of these patients.

(Commendations of co-workers are perhaps the best measure of an individual's efforts. For this reason, in reporting the retirement of **LOTTIE M. MORRISON, R.N.**, Stethoscope reprints below excerpts from an article by Dr. Benjamin P. Watson, consultant to the Hospital and professor emeritus, obstetrics and gynecology, Columbia University, in the current issue of the *Bulletin of the Sloane Hospital for Women*.)



Lottie Morrison

"In July of this year Miss Lottie M. Morrison relinquishes her position as instructor of nurses in the Sloane Hospital for Women and as assistant director of nursing in the Presbyterian Hospital.

"These official titles fall far short of indicating the many services over and above those given to nursing education which Miss Morrison has rendered the Sloane Hospital during the past 30 years."

"She had visited and critically examined nearly every newly built hospital in the East, always with the aim of finding out what advances had been made in plans and equipment and how these could be incorporated into our own obstetrical and gynecological unit so as to make it ever more efficient. She has, herself, a genius for planning, and, in addition, a persuasiveness in conveying her ideas so that most of her recommendations have been accepted and put into effect.

She has been instrumental in adding all sorts of extra comforts for the patients in the wards, equipment for the nurseries, operating and delivery rooms, a comfortably furnished staff room for the doctors and other items too numerous to mention.

"Her latest project has been the rearranging, decorating and furnishing of the nurses class rooms with funds donated by one of her friends and admirers. We are proud to know that this room will henceforth be known as the Lottie M. Morrison Class Room.

"One cannot imagine Miss Morrison not being interested and busy. We feel sure that she will continue to occupy herself in some form of service to others just as she has done so unselfishly for the Sloane Hospital in the past. It is difficult to envisage its future without her constant guidance and direction. The greatest compliment we can pay her will be in striving to perpetuate the tradition which she has created."



New dermatology unit under construction on P.H. 8

"The new ward unit for Dermatology answers a long-felt need and will enable the Service to operate as a more integrated part of the Medical Center," said Dr. Carl T. Nelson, director and executive officer of Dermatology. "In the past it has had to function mainly as an out-patient service with no ward beds or specialized treatment facilities."

H.P. lobby redecorated

Harkness Pavilion's lobby, which has ever given the impression of a quiet drawing room, is undergoing a minor face lifting that will result in the same

gentility but with a lighter tone. This is the first time that the Harkness lobby has been "redone" since the building opened in 1929.

The extensive panelling has been scraped and lightened. The ceilings are a bright new off-white. The furniture, heretofore, a dark green leather, will be of gayyer hues. And off to one side is the dining room in a new toned sea-green shade with a couple of extra tables to seat more diners. The renovations, a six-week project, went on at a speedy pace which only slightly interfered with the usual movement through the lobby.



PRESBYTERIAN HOSPITAL HOUSE STAFF—1955

Front Row (l. to r.) Drs. H. Wohl, T. King, S. Whitfield, J. LeBouvier, M. Bogdonoff, G. Kleinfeld, C. Houshmand, R. Salerno, C. Barlow, A. Rigau, A. Markowitz, H. Barisone, F. Bersani, D. Baird, I. Goldberg, W. P. Smith, M. Lipman, F. Klipstein, J. Norman, D. Nathans, T. Bradley, E. Gottfried, A. Uson.

Second Row (l. to r.) Drs. R. Freeman, O. Mirehouse, D. Winters, J. Carroll, W. Cannon, J. Downey, M. Speicher, J. Decker, E. Jaffe, C. Longcope, J. Meltzer, G. Foster, E. Ramirez, A. Damon, C. Pennington, R. Britton, R. Wickham.

Third Row (l. to r.) Drs. R. Hochstim, W. Wladecki, D. Johnson, D. Gore, R. Kirkpatrick, H. Brew, J. Thompson, R. Allen, E. Storli, C. Christian, V. Butler, F. Flick, G. Hogle, J. Rodgers, R. Holliday.

Fourth Row (l. to r.) Drs. S. Levin, C. Poser, J. Marotta, R. Katzman, T. Johns, W. Sibley, I. Rapin, H. Thompson, J. Schneider, M. Carmichael, L. Scheinberg, D. Hayes, D. Philpot, J. Robertson, J. Monaghan, P. Johnson, S. Weissman, P. Wolkonsky, J. White, E. Wheaton, A. Battista, E. Maynard, N. Hill, R. Sturman, G. Minervini, J. Anderson, P. Johnson, E. Pader, T. Richter, C. Hunter, S. Madell, G. Triano, G. Hyde, A. Hutner

HONORED BY DEGREES

For 15 years Dean Aura E. Severinghaus has not missed a commencement of the School of Nursing, appearing either as an interested spectator or, in 1953 and 1954, as a speaker.

This year the associate dean of medicine of Columbia University broke his tradition. The reason—he was away on a traveling schedule that included giving three commencement addresses and receiving two honorary degrees.

Dr. Severinghaus' marathon began at Howard University with an historic event, the installation of the first chapter in a Negro college of Alpha Omega Alpha, the honorary national fraternity for medical students.

In his address, "Reflections on our Education," Dean Severinghaus emphasized what was to be a recurring theme in his series of talks:

"Because of technological advances, we are coming to measure our progress by the abundance of our possessions. 'What we can make for ourselves' seems to have overshadowed our concern of what we can make of ourselves. . . . Competence joined to a proper sense of values . . . are the twin determiners of man's life. I join with you in the constant search for greater success in the development of both . . ."

The honorary degrees given Dr. Severinghaus in June were a doctorate in humane letters from Bard College; and a doctor of science degree at the 114th commencement of Betheny College, West Va. In Augusta, Georgia, he spoke at the University of Georgia's Medical School commencement.

At New York University's commencement exercises on June 2nd, two lead-

ers of the Columbia University-Presbyterian Hospital staff were awarded honorary degrees of doctor of science. They were *Dr. Robert F. Loeb*, director of Medical Service, and *Bard Professor of Medicine of Columbia University*, and *Dr. Howard C. Taylor, Jr.*, director of the Service of Obstetrics and Gynecology, Professor of Obstetrics & Gynecology in the University and president for the past year of the Hospital's Medical Board.

Dr. Allen O. Whipple, consultant to the Hospital and professor emeritus, received the first Graham award for outstanding contributions to surgery and an honorary degree of doctor of science at the 94th annual commencement of Washington University in St. Louis, Missouri.

The award, started as a tribute to *Dr. Evarts A. Graham*, emeritus professor of surgery at Washington University, will be presented triennially.



David



Elsie



Pete, Jr.

Proud parents with 'academic' progeny

The proudest of proud parents in the Hospital are *Peter R. Bozzo*, the Hospital's purchasing agent, and *Ernestine Ytterrock*, of Food Service. Their sons' educational prowess earned the boys prized collegiate assistance—to Pete Jr., one of his district's two annual appointments to Annapolis, the U.S. Naval Academy . . . to David Ytterrock, a full tuition scholarship to Massachusetts Institute of Technology, one of the toughest engineering colleges to enter.

Pete Jr. is familiar about the Hospital partly because he looks so much like his dad. A recent graduate of Fordham Preparatory School, he reported at Annapolis June 27th and was delighted to learn that he was on guard duty his first night.

David has been a full-fledged member of the Hospital's Volunteer Department for the past couple of years. In his white striped coat, he helped out messengers, answered the phone in the volunteer office, and assisted occupational therapists.

Interested in higher mathematics, David won a gold medal for highest academic ratings in his class at McBurney School, a private secondary school. He was editor of his class yearbook.

At Mary Harkness Convalescent Home, *Mrs. Marie Hartlieb*, staff nurse, has similar cause for maternal pride. Her daughter, *Elsie*, who is a ward assistant there, won the Port Chester Rotary Club Scholarship of \$300 for a nursing course at Keuka College.



Dr. Hanger



Dr. Humphreys

ALVIN J. BINKERT . . . vice-president and general manager of the Hospital . . . as a trustee of the Hospital Association of New York State.

DR. MATHER CLEVELAND . . . consultant to the Hospital and professor emeritus, Columbia University . . . as treasurer of the American Orthopedic Association.

DR. FRANKLIN M. HANGER . . . attending physician and professor of medicine . . . and DR. GEORGE H. HUMPHREYS, II, director of Surgical Service and executive officer and professor, Columbia University . . . as president and vice-president respectively of the Presbyterian Hospital Medical Board.

DR. HAROLD W. JACOX . . . acting director of Radiology Service and acting executive officer and professor, Columbia . . . to honorary membership in the Flint Academy of Surgery and in the Detroit Roentgen Ray and Radium Society.

DR. WILLIAM S. LANGFORD . . . associate attending pediatrician and professor of psychiatry . . . as president-elect of the American Academy of Child Psychologists. He takes office in 1957.

DR. H. HOUSTON MERRITT . . . director of Neurological Service and professor and executive officer of that Columbia University department . . . as president-elect of The American Neurological Association. He was secretary-treasurer for more than a decade.

Married

Officer *Frank Duurloo* of Protective Department wed *Mae Cynthia de Wever* on June 25th.

Wedding bells rang June 11th for *Mary Stainback*, maid in housekeeping and *Alphonso Quinones*, wall washer.

Not newlyweds, but wearing that second honeymoon look are two of the Medical Center Family who recently celebrated 25 years of marriage. They are *Frank Carnaucciolo*, elevator operator, and *Mrs. Martha Osnos*, technician on P & S 12 biochemistry.

Promoted

In Sterile Supply Department, *Mrs. Margaret Flanagan* has been promoted to assistant supervisor. She has been with that department for 24 years.

More proud parents

In the "new baby department":

A daughter, *Carole Anne*, born July 3rd to Mr. and Mrs. *Henry Robertson*, upholsterer in Maintenance and Construction Department.

A son, *Kenneth*, was born June 29th to Mr. and Mrs. *Francis Murphy*. Mr. Murphy is a pipe coverer in Maintenance and Construction Department.

George Minaya of the Assistant Treasurer's Department, and Mrs. Minaya welcomed a son, *Albert* on June 18th.

James R. Wittar, chief accountant, and his wife greeted their third child, *Paul Michael*, on June 4th.

Barbara Jean Smith was born June 6th to *Henry W. Smith*, supervisor of the insurance unit of Accounting Department, and Mrs. Smith.

Dr. and Mrs. *Roger W. Bumgarner* became the parents of *Mary Annette* on June 4th. Dr. Bumgarner is an assistant resident on Anesthesiology Service.

Port Chester notes

A newcomer to the staff is *Mrs. Elizabeth Reid*, secretary to *Miriam Hubbard*, superintendent of Mary Harkness Home. Mrs. Reid succeeds Mrs. *Gayle F. Pieper* who is leaving after the recent death of her husband.

For *Sandra Johnson*, this is her second summer as recreational therapist. A senior in the University of Vermont, she is majoring in elementary education with particular emphasis on work with the physically handicapped.

Names Make News

Successor to Davy Crockett and more bobby-soxy than Eddie Fisher is *Dr. Leonard Marmor*, assistant resident on Orthopedic Surgery. That, at any rate, is the opinion of the teen-aged patients in five east. They organized an active Dr. Marmor fan club and at last report were conniving to get autographed pictures. Dr. Marmor, perplexed at this sudden surge to popularity, just blushes about the whole thing. Joining him in blushing is *Dr. Thomas F. Hudgins, Jr.*, senior resident, for whom a 'rival' fan club was just formed.

Dr. Edmund N. Goodman, assistant attending surgeon, is partly responsible for his wife's winning one of the first four weekly prizes in the Herald Tribune snapshot contest. He gave her the camera with which she snapped a candid, elfish picture of their daughter, *Tonne*, two and a half.

Now voyagers

Edward Murphy, upholsterer in Maintenance and Construction, his wife and their two young daughters, were passengers aboard the *Mauretania* sailing July 5th, en route to Ireland.

Back from Bermuda with the brownest of brown tans and an extra, post-vacation, sparkle is *Mary Chamberlin* of the administrative office.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

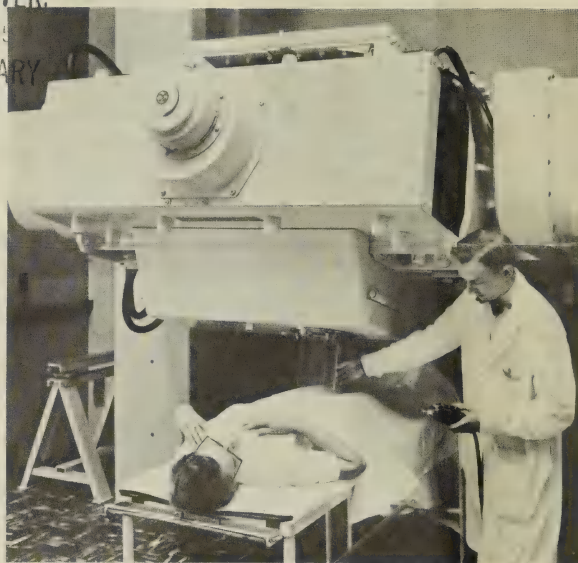
Volume 10, No. 7, September, 1955

Super-Voltage Betatron at Medical Center

Presbyterian Hospital's new 24-million volt Betatron will be ready for the treatment of patients at the Columbia-Presbyterian Medical Center after Labor Day. It will be used also for basic cancer research, particularly in regard to the effects of multi-million volt X-ray and electron beams on deep-seated tumors and other conditions. Additional Betatron research projects will study the basic processes that take place when radiation interacts with living matter, as well as the interaction between radiation and different kinds of physical material.

Considered to be one of the most modern means of cancer treatment and research, the Betatron unit is a very important addition to the facilities available at the Columbia-Presbyterian Medical Center for the concentrated attack on malignant diseases commonly grouped under the term cancer. These facilities include conventional X-ray equipment, radium, radon, radioactive isotopes (phosphorous, gold and iodine, for example), as well as modern surgery and chemical therapy.

Because of its past work in the field of cancer and its reputation for outstanding scientific work, the Medical Center was given a grant of \$135,975 by the United States Public Health Service to purchase the Betatron. The cost of installation of (continued on page four)



MASSIVE 10-TON BETATRON is the latest weapon in the Columbia-Presbyterian Medical Center's attack on cancer. Here the operator positions the plastic cone from which the 24-million volt X-rays will emerge in a highly penetrating beam to the desired spot.

Psychiatric Residency Program Instituted

A new psychiatric resident training program in Presbyterian Hospital has started.

Part of a policy to integrate psychiatry more closely into the medical program of the Presbyterian Hospital, the new residency program is aimed at providing better care for patients with emotional and mental problems and more comprehensive training of psychiatrists at the Medical Center.

The new program is geared closely to the nationwide effort for greater mental health facilities.

It provides a larger number of psychiatrists to meet patient needs at the Hospital through the addition of residents to our Psychiatric Service. It also gives psychiatric residents valuable experience in general hospital work.

The residents will be under the direction of Dr. Lawrence C. Kolb, director of the N. Y. State Psychiatric Institute and of the Psychiatry Service in the Hospital, and professor of psychiatry at Columbia. (cont'd. on page two)

Small Boys—Big Hearts

Ice cream on a hot day means a lot when you're under ten. So do comic books. And a \$1.39 is a great deal of money.

But eight Bronx boys made a sacrifice for Babies Hospital because they were glad one of their friends had a successful operation there.

With the sincerity and generosity of 8 to ten year-olds, they donated their ice cream allowances, as well as profits from selling their comic books and lemonade.

Their gift will have a fitting use . . . playthings for young patients.

NEW EYES FOR THE NEEDY

Please check your "treasure chest" for old gold and silver which can be reclaimed to provide eye-glasses for needy persons.

Collection boxes: Attending Doctor's Locker Room; P. H. first floor; Protective Department Desk in B. H. Basement.

Dr. McCormack Named Assistant Vice-President at Presbyterian Hospital

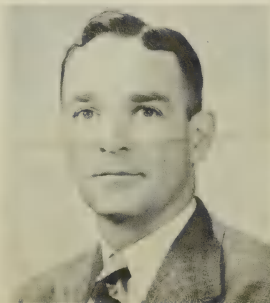
Dr. James E. McCormack became an assistant vice-president of the Hospital on September 1st, in charge of Public Interest and certain other professional assignments. He is well known at the Medical Center, having been associate dean of graduate studies since 1951 at P&S.

Experience with several gov-

ernmental agencies as well as academic institutions has brought Dr. McCormack contact with press media and understanding of the public's interest in medical affairs. As executive director of the Planning Committee for our 25th anniversary celebration, he gained first-hand experience in the Medical Center's public relations needs.

Still interested in medicine from a clinical viewpoint, Dr. McCormack, who received his M.D. from N.Y.U. in 1939, has attained certification by the specialty board of internal medicine. For five years he was physician to the Bellevue Schools of Nursing. He participated in some of the first clinical tests of penicillin, studying its effects on lobar pneumonia and pneumococcal empyema under the direction of Dr. W. S. Tillet.

He has held staff and academic appointments in Bellevue, University, Lenox Hill and George Washington University Hospitals and affiliated (cont'd on page two)



Dr. James E. McCormack

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REPORTERS

Accounting—Helen Hockenberger. *Anesthesia*—Ida Kauderer. *Chaplain*—Robert B. Reeves, Jr. *General Information*—Calvin Hatcher. *Graduate Nursing Staff*—Madeline Walsh. *Housekeeping*—Rosina Nicolosi. *Laundry*—Mary Minsky. *Library*—Y. B. McKnight. *Mary Harkness Convalescent Home*—Ann Parsons. *Nurses Aides*—Mary Ryan. *Operation and Maintenance*—Robert Williams. *Orderlies*—Fred La Porte. *P & S*—Gerald Merson, Barbara Sampson. *Physical & Occupational Therapy*—Eunice Ford. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerald Walker. *Record*—Morton R. Trilling. *Social Service*—Evelyn Ayash (P.H.), Elka Fink (N.L.), Adelaide Vrooman (B.H.).
Betatron photographs and all photographs on page 3 by Black Star—Werner Wolf.

MARY I. CRAWFORD TO HEAD NURSING IN OBS AND GYN

Mary Irene Crawford has been appointed assistant director of nursing. She will be in charge of nursing care for the patients in the Sloane Hospital for Women. Miss Crawford also is an assistant professor of nursing in the Department of Nursing of the Faculty of Medicine.

A new post-graduate course in maternity nursing will have its beginning under Miss Crawford's leadership. The course, leading to a degree of master of science, is given under the Department of Nursing, Faculty of Medicine. The Presbyterian Hospital, Maternity Center Association and the School of Public Health are cooperating in offering this new program.



Mary Irene Crawford

In her former position as instructor for Maternity Center Association, Miss Crawford worked with the Sloane Hospital staff from September 1954 until her appointment to the Medical Center positions.

Miss Crawford also worked as a field supervisor in Columbia's Teachers College and a clinical instructor in the Western Reserve University School of Nursing teaching nursing arts and maternity nursing.

A native of Ohio, Miss Crawford holds a B.S. in Education from the University of Michigan and an M.A. from Teachers College.

Psychiatric Residency

(cont'd from page one)

The new psychiatric residency program operates under the joint aegis of Presbyterian Hospital and Psychiatric Institute.

The residents will be given alternate periods of training at Presbyterian Hospital and Psychiatric Institute.

Psychiatric residents will serve on the Presbyterian Hospital's Psychiatric in-patient service, in the Vanderbilt Clinic Out-Patient service and in the Neurological Institute. They also will receive training in child psychiatry at Babies Hospital.

Serving under the new program are Dr. John O'Connor, resident, Drs. Joanne Lloyd Jones, Gardner Jacobs Jr., Daniel Justman, and William Clay Normand, assistant residents.

Dr. McCormack

(cont'd from page one)

schools as well as at Columbia University and the Medical Center. At New York University, where he began teaching in 1942, Dr. McCormack was assistant dean from 1946 to 1950.

He was associated with the Office of Scientific Research and Development from 1944 to 1946 and with the Research and Development Board of the Department of Defense from 1948 to 1952. Dr. McCormack is executive director of the New York City Medical Advisory Committee to the Selective Service System, a post he has held since the so-called doctor draft act was enacted in 1950.

He is a member of many professional and scientific societies including the American College of Physicians, the Academy of Medicine, the Harvey Society, Alpha Omega Alpha and Sigma Xi. He is chairman of the New York Committee on the study of hospital internships and residencies.

Born in New Jersey, Dr. McCormack resides in Tenafly. Dr. and Mrs. McCormack have one daughter, Kathryn Ann, four months.

MEDICAL CENTER MEN ACCEPT NEW POSTS

Medical Center is complimented that a number of our staff members have been honored by important positions in other hospitals and universities.

Four have joined the charter staff of the new Albert Einstein College of Medicine of Yeshiva University and its Bronx Municipal Hospital Center.

Named director of that hospital's medical services and chairman of the college's department of medicine is Dr. Irving M. London.

Recipient of the 1953 Theobald Smith Award of the American Association for the Advancement of Science, he is known for his work on metabolism of hemoglobin and red blood cells.

With him are Dr. Charles W. Frank as assistant professor of medicine; Dr. Ernest Jaffe research fellow in medicine, and Dr. Milford Fulop, chief medical resident and assistant instructor.

Dr. Helen M. Ranney will also work at Albert Einstein College as visiting assistant clinical professor

of medicine, but she retains her Medical Center positions of assistant physician and instructor.

Joining them in January as professor and head of the department of pharmacology will be Dr. Alfred Gilman, professor of pharmacology.

Dr. Gilbert H. Mudge has been appointed professor and director of the department of pharmacology at Johns Hopkins University and Hospital in Baltimore. With us since 1941, he has worked in the field of electrolyte and kidney functions. Among his contributions is the formulation of "Mudge's Solution," a preparation for administering potassium to patients.

New chief of pathology at Mary Fletcher Hospital and chairman of the pathology department of the University of Vermont is Dr. Robert W. Coon. Here for six years, his research interest was in blood coagulation and in measuring components of the clotting mechanism.

MR. L. JON NAAR TO HELP DEVELOP MEDICAL SCIENCE WRITING



L. Jon Naar

Honours from University College, London.

Born in London, he is now an enthusiastic New Yorker, having lived in Manhattan since the end of the war. Working in the medical field is something of a family affair for Mr. Naar, since his wife, Ruth, is with a health insurance organization.

ANSWERING SERVICE

Appointed to work with Dr. McCormack in the development of medical science writing is L. Jon Naar. He too is no stranger to the Medical Center, having taken part in a survey of the Hospital's public relations which started last February.

Mr. Naar, widely experienced in communications media, is known as a writer and editor. Among the publications to which he has contributed are "Scientific American," "Automatic Control," and "Science and Technology." He also was editorial consultant for World Wide Medical News Service, Charles Pfizer & Co., and certain non-profit organizations.

During World War II, Mr. Naar served as press relations officer with the Australian Medical Corps in the Middle East and was a major with the British Intelligence. He holds a Columbia M.A. in public administration, is a graduate of the University's Russian Institute, has a Certificat d'Etudes from the Sorbonne and a B.A.

An emergency call for Dr. X comes through the Hospital's switchboard at 2 a.m. An expectant mother seeks her obstetrician during a weekend. A private patient telephones while the doctor's secretary is out to lunch.

The needed physicians are on the job shortly thereafter, thanks to the new answering service for the doctors' private practice offices.

Round the clock, seven days a week, the five women operating this service, in conjunction with the vital assistance of the doctors and their secretaries, keep tabs on the whereabouts of 250 doctors and of those on call in their stead. When the doctor's office telephone doesn't answer, the staff of the answering service receive the call and are ready to assist the patient in locating his doctor or get a message to him.

Tried out this summer, the answering service is now on a permanent basis with its own switchboard to be built on the fourth floor, DPPO.



ANNE WAS GIVEN a careful examination by an otolaryngologist to find out cause of her deafness.



IN A SOUND-PROOF ROOM, with walls three feet thick—the most quiet room in New York—Clinic experts used latest devices to measure her hearing.



ANNE DISCOVERS that with electronic help she can hear. Wonder and joy are plain.

BREAKING THROUGH THE SOUND BARRIER

This is the story not of jet planes and supersonic missiles but of a little girl with a hearing impairment to whom medical science gave the chance for a normal life.

Something many parents feel is close to a miracle is almost a daily event in the Lester N. Hofheimer Speech and Hearing Clinic* at the Columbia-Presbyterian Medical Center. It used to be that a child with a hearing loss, and the speech difficulties that often result, was condemned to a life in a silent world, cut off from normal communication by a kind of barrier to sound. Unable to hear, these youngsters would not know the meaning of words, because they simply never heard any. Inability to break through that barrier meant a life apart and a life with many limitations. Such an experience was narrowly escaped by pretty Anne Lee Makler, now aged three, shown here, and typical of many who come to the Speech and Hearing Clinic.

Anne's mother was referred by her family doctor to the Presbyterian Hospital's Vanderbilt Clinic. Medical

examinations and special audiological tests showed that despite severe hearing impairment, Anne had some residual hearing. This meant that the child might be taught to use the hearing she had and to develop understanding and use of speech. It was a lengthy job calling for considerable skill and human understanding. But Anne Makler responded well to the training she received and now is able to go to nursery school. Now Anne can play and romp with normal-hearing playmates of her own age group, communicating and learning with them, lifted out of a life of loneliness and apatness because her difficulty was discovered and handled early.

*Construction of the Speech and Hearing Clinic in the Vanderbilt Clinic at the Columbia-Presbyterian Medical Center was made possible through a legacy granted by the Executors under the will of Lester N. Hofheimer.

NOW BEGINS the lengthy job of educating Anne in the use of her residual hearing and in the development of speech.

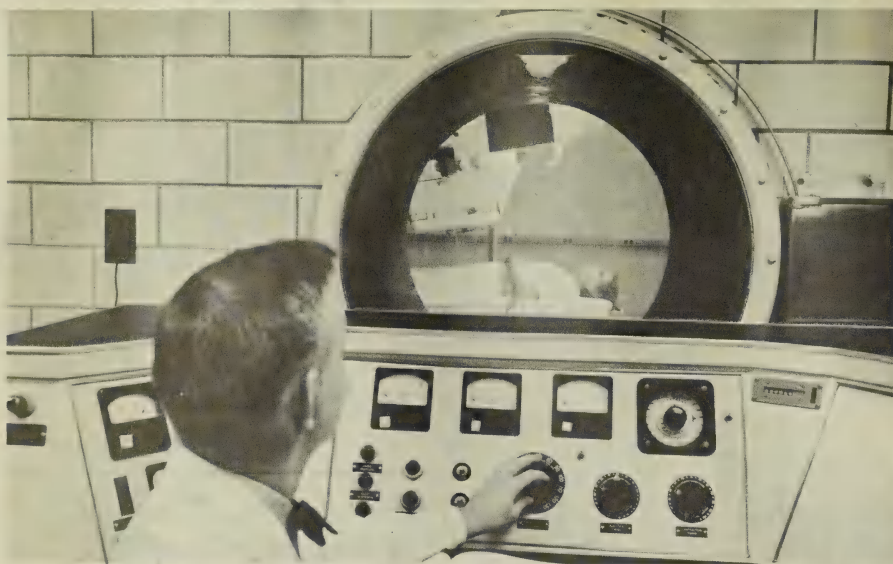


FITTED WITH HEARING AID, Anne listens and speaks to her mother.

THE
LESTER N. HOFHEIMER
SPEECH AND HEARING
CLINIC

SHOWN HERE are some of the Clinic's team of doctors and staff specialists who evaluated Anne's problem, planned and carried out her training: (left to right): Mrs. Shirley Greene, Mrs. Shulamith Kastein, Mr. Donald Markle, Miss Sylvia Morgan, Dr. Edmund P. Fowler, Jr., Dr. Franz Altmann.





BETATRON'S OPERATOR, behind 3 1/2-foot concrete wall, views treatment through a water-filled port-hole which absorbs harmful radiation.

the unit, however, amounts to an additional \$175,000 which is being provided by the Presbyterian Hospital. This includes the cost of the special concrete walls and ceiling around the Betatron, of the extensive ventilating and air-conditioning systems needed to control the heat generated by the high-energy equipment, and of providing doctors' offices, physics laboratories, patients' reception areas and examining and treatment rooms.

The annual operating cost of the Betatron unit is estimated at about \$100,000, of which more than half will go for research. About one-fifth of the total cost will be supported from treatment of patients by the Betatron, leaving an estimated deficit of about \$80,000.

The Betatron offers new possibilities of destroying tumors with minimum injury to healthy tissues in the body. One advantage of the multi-million volt X-rays is that their maximum effect is not on the skin of the patient (as is the case with lower voltage X-rays) but at a considerable depth inside the body. This permits a more concentrated dose of radiation to be directed to the cancerous area within the body. Another advantage is that the X-ray beam is very sharply defined and thus tumors close to vital organs may be treated with greater precision and safety.

In addition to generating high-energy X-rays, the Betatron can produce a high-energy beam of electrons. The main advantage of the electron beam is that it can be so adjusted that very little of its energy will penetrate beyond the point of desired concentration, unlike X-rays which pass on in decreasing intensity. The electron beam is thus more valuable in the

treatment of lesions closer to the surface, such as the skin or sub-jacent tissues.

The development of the Betatron is comparatively recent. Although the idea was discussed in Britain and Germany as early as 1928, the first successful machine was built in the United States in 1940. It was named from the Greek "beta", the scientific symbol for high-energy electrons, and the suffix "tron", meaning "an instrument for". Betatrons have been used successfully in industry for several years, their high-energy X-rays proving very effective in detecting flaws in metal castings and forgings.

The principle on which the Betatron works—magnetic induction—is not unlike that of an ordinary electrical transformer. And in fact high voltage transformers are used in conventional X-ray equipment generating radiation up to about a million volts. However, for the production of much higher voltage X-rays a different system is employed. In place of the secondary wiring used in a transformer, the Betatron has a circular vacuum tube (known generally as a doughnut) placed in the magnetic field of the transformer core. Thus the electrons, instead of flowing along wires, spin around inside the doughnut in response to the force exerted by the magnetic field. The main advantage of the doughnut tube is that it can generate much greater energy without the complex insulation problems that would arise in an ordinary transformer.

The vacuum tube also permits a very rapid rate of acceleration of the electrons. As the strength of the magnetic field is increased, the speed of the electrons increases until finally they are racing around the

doughnut very close to the speed of light. Their rate of acceleration is extremely rapid, and maximum speed can be reached in 1/720th of a second. The super-charged electrons are converted into very high energy X-rays after striking a small platinum target. The X-rays then emerge from the tube in a straight piercing beam. The beam is not continuous, being made up of a series of short radiation bursts each lasting about one micro-second (i.e., one millionth of a second) and repeated 180 times a second. This 180-cycle operation creates a pronounced hum and special acoustical lining is needed on the walls of the Betatron unit to keep the noise to a tolerable minimum. The beam is so powerful that a 7-foot thick concrete wall directly in front of the machine is needed to reduce it to a harmless level. Some of the multi-million volt X-rays bounce back from the wall and scatter around the treatment room which has side walls 3 1/2 feet thick to absorb this radiation as well as off-beam X-rays coming from the machine.

The full extent of the Betatron's value in the treatment of cancers still remains to be explored, but it offers certain advantages in administering high radiation doses to a selected group of patients at the Medical Center, who can be treated best by this method. The experience gained with the Betatron should shed valuable light on various problems of cancer treatment, as well as helping extend the area of basic knowledge on this disease. Thus the Betatron Unit at the Columbia - Presbyterian Medical Center is expected to provide an important new therapeutic and research tool in the fight against cancer.

STETHOSCOPIA

► "Home" meant Presbyterian Hospital for 24 years to J. M. Ada Mutch, R.N., class of 1936, School of Nursing. Except for four years as an army major in World War II, she has been on our staff, rising to assistant director of nursing in the Hospital and assistant professor in the School.

Now home means the Mutch family residence near Philadelphia. It also means a new job with Lankenau Hospital. There Miss Mutch is director of nursing service for the new 350-bed hospital and director of its nursing school.

► Margaret Hogan, R.N., who, in the past four years, developed an extensive program of parent education as part of the Obstetrical Service, started this month as director of nursing education and nursing service at Wesson Maternity Hospital, Springfield, Mass.

► Vacation travels of Medical Center folk added together have probably taken them to every state in the union and at least half the countries of Europe.

Some, like *Dr. Virginia Apgar*, take off, leaving cryptic notes like "gone fishing."

Others, like *John Rober*, electrician foreman, are off to far countries. For John it is his first trip back to his native Switzerland after 35 years.

For *Dr. Paul di Sant'Agnese* it's an annual visit to his parents in Italy.

From physical therapy: *Ailene Raymond* was in Canada, *Helen White* in Pennsylvania, *Edna Bambay* on Long Island and *Elaine Hilton* in Massachusetts.

Two in the Collection Department of the Comptroller's Office collected interesting experiences. *Mrs. Mary Isenbeck* visited Stratford-on-the-Housatonic, Connecticut's Shakespearean theater. There she met the mayor of England's Stratford-on-Avon. *Mrs. Rose Finkel* says Florida in summer is delightful.

Our travelogue closes with a young man off to see the world—*Bob Lutz*, orderly on the operating room floor and now an enlistee in the Navy.

► More "housemother" than her official title of "policewoman" is *Mrs. Mary Hunter* who was on the job for Protective Department in Maxwell Hall for 13 years.

Mrs. Hunter, who retired September 1st, says she will miss the girls of the student nurses' residence. She joined the Hospital in 1930 as a member of Housekeeping Department. In 1942 she became Protective Department's "clock woman" at Maxwell Hall and was named policewoman in 1947, working the night shift.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME 10, No. 8, OCTOBER, 1955

ATOMS IN MEDICINE

Radioactive isotopes, one of newest weapons against disease, offer promise for research and diagnosis, help treat certain ailments, including cancer.

Atomic energy, in the form of radioactive isotopes, is playing an increasingly important role in many areas of research, diagnosis, and patient care at the Medical Center. Radioactive isotopes are made up of atoms that give off radiation, emitting either gamma rays which are like x-rays, beta rays (high-speed electrons), or alpha rays (heavy positively-charged particles). Some radioactive materials are found naturally, radium and uranium for example, but most elements are made radioactive synthetically in atomic piles similar to those used in making plutonium for atomic bombs. The radiation given off by radioisotopes can be detected by Geiger counters and other instruments, enabling measurements of quantities so minute that they defy ordinary chemical tests.

Aside from their radioactivity, radioactive atoms behave essentially like normal ones. This means that they can be mixed with their own stable chemical twins and used as tracers to detect and follow basic physiological processes in plants and animals. Clinically, these isotopes offer new means of testing various processes in the human body while they are going on;

(continued on page two)



RADIOACTIVE IODINE container is opened with an ordinary key opener. Badge on technician's wrist records amount of exposure to radiation.

Richard N. Kerst named Assistant Secretary

Richard N. Kerst, assistant vice-president of the Hospital since 1953, has been appointed to the additional office of assistant secretary. He also holds the position of assistant treasurer, to which he was named in 1954. Mr. Kerst, a certified public accountant, came to the Hospital in 1945 and was comptroller from 1948 to 1953.

Good Neighbors

Children of the 183rd Street Playground, like the professional entertainers of New York's Variety Club Tent, have an interest in the Children's Seizure Clinic of Vanderbilt Clinic.

Recently the 183rd Street youngsters put on their own costumed revue, netting \$12.90 from five-cent ticket sales in the neighborhood. They donated the proceeds to the Hospital for epilepsy research.

New Synthetic Hormone

Cortisone-like steroid may supplant parent compound as anti-inflammatory agent

A promising new drug for the treatment of rheumatoid arthritis, bronchial asthma, and a number of allergic and inflammatory disorders is being used in several clinics at the Medical Center. This is prednisone, a recently-synthesized steroid hormone, closely related to cortisone and hydrocortisone. Introduced a year ago, prednisone was found to be effective in controlling the symptoms of certain forms of rheumatism. Compared with the older steroids, it has two main advantages: greater anti-inflammatory potency and less retention of salt and water in the body. This second property of prednisone is important because the accumulation of fluid which follows steroid administration places an added burden on the circulation.

Other recent studies at Presbyterian Hospital and allied institutions show the effectiveness of

prednisone in a variety of diseases. It has been useful in the relief of shortness of breath in many cases of asthma, pulmonary fibrosis and emphysema. Encouraging results with the drug have been observed in gout, rheumatoid arthritis, rheumatic fever, nephrosis (kidney disease) of childhood, and in certain blood and skin diseases.

Although considered preferable to cortisone in most respects, prednisone is not free from many of the side effects which occur with the older steroids, for example, gastro-intestinal distress, emotional disturbances, and loss of calcium from bones. There are no data available at this time on the complications of prolonged administration of the new hormone. It is certain, though, that with large doses of prednisone the above-mentioned side effects may ensue; and if the

(continued on page four)

To Our Readers

The Stethoscope has seen and reported many changes at the Columbia-Presbyterian Medical Center since the magazine's first appearance in January 1946. Last month *Stethoscope* itself had quite a change, and we hope you like it. The editors, who always appreciate hearing from you, are particularly interested in your reactions to the new format.

Let us know directly by letter (to Public Interest, P.H. 4-31) or through your department reporter (see masthead, p. 2). The editors welcome your comments and suggestions so that *The Stethoscope* may bring you each month the news of the Medical Center Family, its activities, and its work.

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Atoms in Medicine photographs by Manny Warman, Amant photo by Cassel, Radioactive iodine chart by U.S.I.S.

BRACE SHOP—P.H. UNIT AIDS HANDICAPPED



LEG BRACES are fitted to a patient by Ernest W. Traber of Brace Shop.

On Vanderbilt Clinic's third floor is a small unit which opens a gateway to community living for the handicapped. Called the brace shop, it is the Hospital's headquarters for prescription, supply and fitting of prosthetic and orthopedic devices for disabled persons.

Behind this shop is the three-way, professional affiliation of Presbyterian, Columbia, and the Institute for the Crippled and Disabled. The Institute, a pioneer rehabilitation

center at 23rd St. and First Ave., was founded in 1917 by Jeremiah Milbank, Medical Center benefactor. Its major services include the prosthetic and orthopedic appliance laboratory (of which our brace shop is a part), vocational training, social adjustment and industrial rehabilitation. Physicians utilizing the brace shop may call upon the full facilities of the Institute for service to their patients.

Three people work in the brace shop here: Ernest W. Traber and George Hempel are fitters of appliances; Miss Betty-Ann Martin is general secretary and coordinates the schedules of fitters and patients.

Dr. Robert C. Darling, director of our Physical Medicine and Rehabilitation Service and executive officer of that department in Columbia, is chairman of the Institute's Medical Board and plays an important role in implementing the three-way affiliation.

Dr. Edward E. Gordon, in charge of the medical service at the Institute, is assistant attending physician in Vanderbilt Clinic and associate professor of rehabilitation medicine in Columbia.

* * * * *

Arlene Adsit Strehler Leaves Public Interest

Arlene Adsit Strehler has resigned for what every woman knows is the best of reasons—to devote her full time to her recent marriage to A. Edwin Strehler, an insurance executive.

From March 1952 until this September 15th, Mrs. Strehler was administrative assistant in the Department of Public Interest. She also

had responsibility for the Volunteer Department which she headed in 1951 and 1952. She worked also with the Hospital's five women's auxiliaries and the Milbank Library.

For 17 years before joining the Hospital, Mrs. Strehler was associated with the office of the dean of the Faculty of Medicine of Columbia University. Mrs. Strehler, a deacon of the Riverside Church, is active in church and community affairs.

* * * * *

ATOMS IN MEDICINE: RADIOISOTOPES

they are also a source of internal and external radiotherapy for such diseases as goiter, leukemia, *polycythemia rubra vera*, and a few cancer conditions. Among the main radioisotopes being used here are radioactive phosphorus, iodine, sodium, iron, cobalt, yttrium, gold, potassium, and chromium.

Different kinds of isotopes have different physical and biological characteristics, but each kind has a measurable pattern of behavior. Radiophosphorus, for instance, tends to concentrate in bone, while radioiodine goes to the thyroid gland. Thus when radioiodine is given to a patient, in normal cases from ten to forty per cent of the iodine will be picked up by the thyroid. But more iodine will be picked up by an overactive thyroid, and less by an underactive gland. In this way a tracer dose of radioiodine can determine the thyroid's activity. If hyperthyroidism is diagnosed, because the thyroid picks up above-average amounts of the tracer iodine, then much larger therapeutic amounts of radioiodine may be given in order to bombard the thyroid with short-range beta radiation. This helps reduce the gland's overactivity without significant effect on other tissue.

Radioiodine is being used in the treatment of certain thyroid cancers where it is of definite, although limited value. It is valuable too in determining the position of metastases (growths in other parts of the body) in some thyroid cancers.

Radioactive phosphorus, one of the first isotopes employed clinically, was tried initially in the treatment of leukemia. Subsequently, it has been found most useful in controlling *polycythemia rubra vera*, a condition where over-production of red blood corpuscles impedes the circulation. In a number of cases treated at Presbyterian Hospital, radiophosphorus picked up by the bone marrow cells which produce the corpuscles, has reduced production to normal, alleviating symptoms of the disease.

As a source of external radiation, radiocobalt is the most commonly used isotope. Enclosed in a bomb-shaped lead cylinder and mounted on a swinging support, this is the so-called Cobalt Bomb like the unit in the Delafield Hospital which was designed by one of the physicists in the Radiology Department. Achieving the effects of a 2½ million volt



MEASURING DOSE OF RADIOACTIVE lead shield as a protection from



THYROID takes up radioiodine and may act as a tracer or for treatment

RADIOISOTOPES FOR STUDYING

1. PATIENT DRINKS SMALL AMOUNT OF I-131

10-50 µc

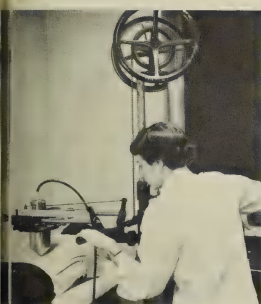
TO

SHOWS:

- 1- THYROID GLAND
- 2- IODINE ABSORPTION
- 3- RELATIVE ABSORPTION



technician works behind a thick
protect with the radioactive material.



COUNTING counter detects sec-
ondary growths from thyroid cancer.

1-131
END PHYSIOLOGY

②
1-131 EMITS PENETRATING
GAMMA RAYS

③
DETECTS RADIATIONS
FROM ABSORBED 131

RADIOIODINE RETAINED BY BODY
TO PRODUCTION OF THYROXINE
LOGICAL ACTIVITY OF GLAND

x-ray machine, the cobalt unit is used mainly in cancer therapy.

Another radioisotope used in cancer treatment here is radiogold. It is injected directly into body cavities of the chest or abdomen where malignant tissues are causing formation of excess fluids. This does not destroy the tumor, but in the majority of cases it does stop the production of fluid. This makes the patient much more comfortable, and in many cases it has permitted return to normal life. In this connection it might be pointed out that palliation is always important in chronic disease and much of the work with radioactive isotopes is directed to that end.

Many interesting research projects with radioisotopes are under way at the Medical Center. Experiments with radioiron and radiocarbon, for instance, are throwing fresh light on such diseases as anemia and diabetes. Other forms of atomic tracers are being used to study the complex role of proteins, nucleoproteins, and enzymes in various body mechanisms, and particular attention is being paid to differences in metabolism between cancerous and non-cancerous cells. Promising techniques for treatment of certain cystic brain tumors and nervous diseases by injections of radioyttrium are also in process of development.

In conclusion it may be said that radioisotopes are finding a wide use in determining the nature of many physiological processes. In their application to the cancer problem much still remains to be learned. If more can be found out about the specific biochemistry of different types of cancer cells, then new techniques of treating some presently inoperable tumors might also be developed. However, radioisotopes form only one of several approaches to the understanding and control of cancer. Their value therefore lies not only in what they can achieve alone, but also in what they may do in conjunction with other facilities (such as surgery, x-ray and radium therapy, and chemotherapy) already engaged in the attack on malignant diseases. In the meantime, radioisotopes are performing a very valuable service in helping relieve certain symptoms of cancer patients, returning many to a normally active life for varying lengths of time, sometimes measured in years.

★ ★ ★ ★ ★ ★ ★ ★

New Appointments Made In Social Service Department

Mary Virginia Carey, new staff member, will supervise the social service work for the Services of Dermatology and Obstetrics and Gynecology. In addition she will help with Social Service Department's staff development program. A graduate of Smith College School of Social Work, she was on the Bellevue Hospital social service staff and worked for many years with private agencies.

Adele Bodzin, who did her field work at Neurological Institute last year under a scholarship given her through Presbyterian Hospital by the Gustavus and Louise Pfeiffer Research Foundation, joins the N.I. Social Service Staff. Another addition there is Gladys Rosenthal, social worker, who did field work last year at Psychiatric Institute.

Other newcomers to Social Service Department are Mrs. Betty Alston, assigned to obstetrics and gynecology; Suzanne Fleischer to Medical Service, Alysa Harelick to Surgical Service, and Beverly Rogen to Babies Hospital Social Service division.

STETHOSCOPIA

► **Waveney Towey**, member of the first class of nursing students in the P.H. School of Nursing at the Medical Center in 1928 and on our nursing staff since her graduation in 1931, resigned as supervisor of nursing in Harkness Pavilion September 12th to be married.

Her wedding to William Nelson Affleck of Oshawa, Ontario, was in Toronto September 14th. They will live in Oshawa after a European trip.

► **Donald Markle**, supervisor of our Speech and Hearing Clinic since it started almost five years ago, has left to accept a similar post with Bellevue Hospital's new clinic. He retains his lectureship at Columbia.

Leaving with him to work as speech pathologist at Bellevue is Rosalind Ratner who spent "three happy years professionally and personally at the Medical Center."

► A charming family portrait are Tanny Klootwyk, nurses aide in the operating room, her two teen-aged daughters and young son as they march four abreast, all in matching costumes made by Tanny.

► **Florence Harvey**, recently retired medical social worker, is author of "Some Social Aspects in the Care of Patients Undergoing Breast Surgery," an article in the "Bulletin of the American Association of Medical Social Workers." This is an outgrowth of many years work with these patients and Miss Harvey's lectures to nursing students.

► **Engaged:** Virginia Demos, secretary in Cardiology, to Dr. George Kiriakopoulos, P&S graduate; Patricia Neiser, secretary at Neurological Institute, to Kenneth D. Arfman, draftsman in the Hospital's Maintenance and Construction Department.

► **Married:** Mary Tilghman, secretary in the nursing office, to Eric Eklund, student at San Marcos Teachers College in Texas; Catherine Fleming, of the Patients Accounts-Comptroller's Office, to Arthur Williams, who is with an aeronautical firm.

► **Proud Mothers:** To Mrs. Arthur Hemmer, former supervisor of the bookkeeping machine unit of the Comptroller's Office, a son, Robert Arthur; to Mrs. Louis Schlorch, formerly of Public Interest's fund-raising section, a daughter, Robin Faith.

► **Milestone:** Marguerite Stein, the Hospital's tour hostess, and her husband, Herbert, marked 25 years of wedded bliss on August 29th.

► **Get well wishes:** to Mrs. Anna Flynn of N.I.'s information desk, who broke a leg on her first day of vacation; and to Laura Vossler, director of volunteers, now convalescing from her recent illness.

► **Neurological Institute** staffers insist there isn't a misspelled "ship" on that eighth floor sign, "U.S. Navy —CHIP." It means Combat Head Injury Project, a research study.

► The buzz of the saw and the scent of new-cut wood are in the air on Babies Hospital's 12th floor play area for child patients. The room sports such decorations as flowers painted on the walls by the children themselves and log cabins that are evidence of the children's skill and handiwork.

Equipment for the new room was given by the Board of Women Managers of Babies Hospital. Ruth Vickers, recreational therapist who recently joined the staff, supervises the wood-working.

★ ★ ★ ★ ★ ★ ★ ★

WALTER WOODBURY WINS A 'WASP'

Walter Woodbury of Buildings and Grounds owns a 1955 car free today because his son Timmy, 3, likes Davy Crockett.

Walter went into an auto showroom near the Medical Center to get a picture of Davy offered as part of a national contest with an automobile and a trip to Disneyland on the West Coast as prizes. Just to be sociable, Walter wrote why he liked the all-welded construction of the Hudson car in 25 words or less.

Two months later, Hudson announced that Walter had won second prize—a car and the cash equivalent of a California trip for the family.

Though Timmy decided not to identify Davy Crockett at the presentation and then insisted in a loud stage-whisper "Daddy's got a Studebaker," the Woodburys drove off in their two-toned blue Hudson Wasp complete with license plates, paid sales tax, a tank full of gas, and—a dime for the toll bridge to their home in Long Island.

Walter's only problem now: the extra income tax brought on by his good luck.

* * * * *

A Medal for Antoine



Antoine Amant, a shy, soft-spoken man, has been a porter on the Housekeeping staff of Harkness Pavilion since August 1951. Not until he asked for a day off recently to attend a ceremony in the French consulate did anyone learn of his illustrious past.

Antoine holds a "medaille militaire," awarded for outstanding courage in action, France's highest decoration for a non-commissioned officer. A veteran of 20 years in the French army, Antoine was a warrant officer and fought in Egypt and North Africa in World War II, serving in the famed Foreign Legion.

* * * * *

Current and Coming For the Medical Center

Vesper Services . . . every Wednesday at 5:15 p.m. in The Pauline A. Hartford Memorial Chapel . . . first speaker in the Fall season, on October 5th, Dr. Buell G. Gallagher, president of City College, an ordained Congregational minister, and author of numerous books on race relations.

Concert in Bard Hall . . . October 25th at 8 p.m. . . . sponsored by the P&S Club . . . by a Medical Center duo—Dr. Hans T. Clarke, clarinet; Byron Hardin, P&S '56, piano.

New Eyes for the Needy . . . drive for contributions of eyeglasses and old jewelry continues. Your gifts accepted in doctors' locker room and Protective desk.

* * * * *

Many from 1955 Class Now on Nursing Staff

The School of Nursing this year graduated 110 registered nurses, 70 of whom are now on the Hospital's staff, the largest number from any class to join P.H. after commencement. Seven are in public health nursing, 27 will continue nursing careers in other hospitals, one is a full-time student under the Helen Young Scholarship, and five of the married nurses are indefinite about their plans for nursing.

This September 130 new students entered the School of Nursing. All but three are enrolled for degrees in the nursing program leading to a B.S. degree from Columbia University in addition to their diplomas from Presbyterian Hospital.

* * * * *

New Synthetic Hormone

(continued from page one)

doses are very large in the treatment of certain patients with rheumatoid arthritis, *pemphigus vulgaris*, and leukemia, salt and water retention, comparable to that seen with cortisone, will occur.

However, the advantages of prednisone are expected to reduce some of the hazards of steroid therapy. Many physicians feel that it will eventually supplant cortisone as an anti-inflammatory agent.

Two recent papers describing the use of prednisone at the Medical Center are: "The use of prednisone in respiratory disease," by Drs. Hyman A. Bickerman, Gustav J. Beck, and Alvan L. Barach, with the assistance of Sylvia Itkin, and "Prednisone vs. cortisone," by Drs. Felix E. Demartini, Ralph H. Boots, Arthur I. Snyder, John I. Sandson, and Charles A. Ragan, Jr., all of Medical Service.

* * * * *

Recently Retired

Una Justus, nurse-anesthetist, has just retired to Valley Center, Calif. "U.J.," as everyone here knew her, is a Colorado-native who came to the School of Nursing in 1914 and radiated good humor ever since. Her 38 years of service add up to one of the longest amounts of time an individual has spent in the Hospital. A charter member of the 25-year Club, Miss Justus was night supervisor and a head nurse before she joined Anesthesiological Service.

* * *

Rose Pender, of the main cashier's office, started her retirement on a blue-ribbon red-letter day. At a send off in the Treasurer's office, co-workers presented her with a gift certificate decorated in blue and red. 10 years with P.H., Mrs. Pender did not miss a single work day.

* * *

Mrs. Mary Healy retired September 1st after 13 years with the Hospital laundry. Mrs. Healy, whose son is in the Army, will live with her sister, Mrs. Florence Crowley, who retired from her nurses aide post here last year.

* * * * *

New Medical and Surgical Nurses' Office on P.H. 12

A new medical and surgical nursing office has been established on P.H. 12 East, room 40.

Ruth Guinter has been appointed to head this unit as assistant director of nursing, medicine and surgery and assistant professor of nursing. Ellen Smith, supervisor and instructor in nursing, will also have her office there and will be responsible for the rotation of students.

The following nurses are supervisors and instructors in nursing on the medical and surgical floors: Margaret Douglass, Rose Hoynack, Dorothy Hagner, Yvonne Trebilcock, Margaret Hawthorne, Kathryn Egan, Beatrice Kraeck, and Margaret DelMar and Lucile Manning, evening and night supervisors.

* * * * *

In Memoriam

We regret to report the deaths of the following members of the Medical Center Family:

The Rev. Harold C. Buckminster, associate chaplain for the Mary Harkness Convalescent Home, died August 26th in Beverly, Massachusetts, where he was vacationing. Mr. Buckminster, 28, was pastor of the Dingtowntown Community Church in Greenwich, Conn.

Martin Foy, special officer of Protective Department from 1930 until his retirement in December 1952, died August 22nd. "Martie," whose post was at Harkness Pavilion, was well known to visitors and personnel for his friendly greetings.

Esther Rivington, superintendent of Neurological Institute from 1914 to 1935, died while visiting in Ontario, Canada, on August 30th. Contributions in her memory are being given to the Rivington-Dwyer Endowed Room at Neurological Institute.

Paul Schuele, a painter in Maintenance and Construction Department of Buildings and Grounds since 1943, died unexpectedly on August 17th. He was 53 years old.

Mrs. Evelyn Taylor, 59, died on August 8th. A worker in the Laundry, Mrs. Taylor had been with the Hospital since May, 1931.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME 10, No. 9, NOVEMBER, 1955

r. Kenneth B. Turner dies; as director of cardiology

Dr. Kenneth B. Turner, the Hospital's director of cardiology and an important contributor in the fields of heart disease, arteriosclerosis and cholesterol metabolism, died unexpectedly on October 9th at the age of 54. A memorial service was held October 19th in The Pauline Hartford Memorial Chapel.

Coming to Presbyterian Hospital as an intern in 1926, Dr. Turner rose through successive appointments to become director of cardiology last year. He was an attending physician on Medical Service and an associate professor of clinical medicine at Columbia University.

Started Group Clinic

He had an unusual capacity for organization and had vision and imagination, not only in research, but in medical education and administrative affairs. He started the Group Clinic in 1946; reoriented the lectures to third-year students; and, last year, completely reorganized the laboratory of electrocardiography and integrated interests in cardiology between the Services of Medicine, Pediatrics and Surgery.

Well known to the staff, Dr. Turner served as personal physician to many of the Medical Center family although he did not enter private practice until 1945.

Presidential Award

He was awarded the Presidential Certificate of Merit in 1948 for his World War II service as liaison officer in 1942-'43 for the Committee on Medical Research, Office of Scientific Research and Development and as chief of the committee's records section 1943-'45. From 1947 until his death, he was civilian consultant in internal medicine to the Surgeon General of the Army.

Dr. Turner was a member of many societies including Association of American Physicians, American Society for Clinical Investigation, American Society for the Study of Arteriosclerosis, Harvey Society and American Heart Association.

A native of Lynchburg, Va., Dr. Turner received a B.A. from Hamilton College in 1922 and his M.D. in 1926 from Harvard Medical School. He is survived by his widow and their three children.

NEW APPROACH TO HEART DISEASE

Reorganization and expansion of the Cardio-Respiratory Laboratory focuses attention on the Medical Center's integrated attack on heart disease and related ailments.

During the past twenty years intensified research has led to improved detection and treatment of heart disease. Yet it is still on the increase, and today about ten million people in the United States suffer from it in one form or another. Why is this so?

One reason is that we live longer than we used to, and more of us reach the later years where the heart is more likely to get into trouble. Also, due to advances in medical knowledge it is now clear that many ailments formerly attributed to other causes are actually the result of heart disease.

Here at the Medical Center the fight against this disease is being waged on two distinct but closely interrelated fronts: fundamental research in cardiovascular problems; and diagnosis and treatment of patients. The awareness that these two areas of attack must be combined in an integrated drive against heart ailments was one of the main reasons for setting up the Cardio-Respiratory Laboratory in 1937.

As the name of the Laboratory shows, there was a realization too, that problems of the heart and circulation could not be divorced in many instances from those of the lungs, and should be studied simultaneously.



Heart catheterization is a basic Cardio-Respiratory Laboratory technique used for the diagnosis of various types of heart disease. This calls for a highly trained team of physicians, nurses and technicians.

The Cardio-Respiratory Laboratory evolved from the cooperative efforts of Drs. Dickinson W. Richards, Andre Courmand, the late Eleanor DeForest Baldwin, its first director, and her successor, the late John R. West. Dr. Courmand and Dr. Richards and their co-workers at the Columbia Division of Bellevue Hospital originally developed in this country the technique of heart catheterization now used throughout the world to diagnose various heart conditions.

Heart catheterization involves the introduction through an arm vein of a plastic tube into the right side of the heart. This is done under fluoroscopic visualization enabling the direct measurement of blood pressures and flows through the heart, and also the detection of abnormal communication between cardiac chambers. The development of such techniques employed in the Cardio-Respiratory Laboratory has in

(Continued on page 3)



Cleo F. Craig

Cleo Frank Craig elected Hospital vice-president

Cleo Frank Craig's election as a vice-president of the Hospital on October 24th has been announced by President Charles P. Cooper.

Mr. Craig, president of American Telephone and Telegraph Company, has served on our Board of Trustees since 1951. As vice-president, Mr. Craig will continue to advise the officers and trustees on administrative organization and procedures.

P. H. physicians at recent conventions

Hospital representatives at recent conventions included two physicians who gave memorial lectures, one who held a national presidency and others who spoke on topics varying from radiology to housekeeping.

Dr. Algernon B. Reese of the Institute of Ophthalmology was the 1954-'55 president of the American Academy of Ophthalmology and Otolaryngology which met in Chicago. His president's address was titled "Pathology."

The annual Wherry Memorial lecture was given by Dr. Edmund P. Fowler, Jr., director of Otolaryngology here. His topic was "Hypersensitization of tissues to disease processes." The Academy gave a special citation to a film made by Dr. Franz Altmann of the E.N.T. staff on "Embryology of the ear."

Other members from Otolaryngology at Chicago were Drs. DeGraaf Woodman, Milos Bask, Daniel C. Baker Jr., and Robert Hui. Dr. Bask demonstrated the department's exhibit, "25 years in Otolaryngology in a University Hospital."

Most of the staff of the Institute of Ophthalmology participated in the Chicago meeting. Dr. Frank D. Carroll was moderator of a symposium on diseases of the optic nerve.

(Continued on page 3)

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REPORTERS

Accounting—Helen Hockenberger. *Anesthesia*—Ida Kauderer. *Chaplain*—Robert B. Reeves, Jr. *Graduate Nursing Staff*—Madeline Walsh. *Housekeeping*—Rosina Nicolosi. *Laundry*—Mary Minsky. *Library*—A. B. McKnight. *Mary Harkness Convalescent Home*—Ann Parsons. *Nurses Aides*—Mary Ryan. *Buildings and Grounds*—Margaret Muccilli, Edith Hinkle, Robert Williams. *Orderlies*—Fred La Porte. P & S—Gerald Merson, Barbara Sampson. *Physical & Occupational Therapy*—Eunice Ford. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerald Walker. *Record*—Marion R. Trilling. *Social Service*—Evelyn Ayash (P.H.), Elka Fink (N.I.), Adelaide Vrooman (B.H.). *Vanderbilt Clinic*—Sophie Fields, Calvin Hatcher.

Photo credits—Cardio-Respiratory Laboratory by Black Star; Pictures of Miss Shen and Chaplains by Cassel.

P. H. teams help United Hospital Fund help us

Presbyterian Hospital teams are on the job for the United Hospital Fund's 76th annual drive. Contributions given U.H.F. are allocated to the 82 non-profit, member hospitals to provide medical care for those in need. The 1955 campaign goal is \$3,500,000.

One of the 13 original member hospitals of U.H.F., Presbyterian shares with the other 81 member hospitals in the total receipts of the city-wide campaign. In addition the Hospital receives, from the amount collected by the six teams representing Presbyterian Hospital in the drive, all the money contributed above a set sum. Our own United Hospital Fund teams captains are: Ward of Trustees—William J. Wardall.

Neurological Institute Auxiliary—Mrs. William Shippen Davis, group leader and team captain; Mrs. Charles E. Adams, team captain.

Board of Women Managers of The Babies Hospital—Miss Dorothy Mills, group leader; Miss Hope Kingsley, Mrs. Joseph V. McMullan, Mrs. James McCosh Magie and Mrs. Douglas Williams, team captains.

Women's Auxiliary of New York Orthopaedic Dispensary and Hospital—Mrs. Edward H. Gerry, group leader and team captain, and Mrs. William R. Kirkland Jr., team captain.

Women's Auxiliary of The Presbyterian Hospital—Mrs. C. Redington Barrett, group leader; Mrs. Ralph H. Boots, Mrs. James M. Breed, Mrs. Edgar Stillman and Mrs. Frank E. Stinchfield, team captains.

The Joint Professional Team under the chairmanship of Dr. Henry S. F. Cooper, includes:

Anatomy—Dr. M. B. Carpenter. *Anesthesiology*—Dr. Rita Jacobs. *Biochemistry*—Dr. Hans T. Clarke. *Dentistry*—Dr. Boaz M. Shattan. *Dermatology*—Dr. Charles F. Post. *Medicine*—Dr. Stuart W. Cosgriff. *Microbiology*—Dr. Beatrice C. Seegal. *Neurology*—Dr. Rollo J. Masselink. *Neurological Surgery*—Dr. Fritz J. Cramer.

Obstetrics & Gynecology—Dr. Stanley M. Bysshe

Ophthalmology—Dr. Andrew deRoethth Jr.

Orthopedic Surgery—Dr. Melvin B. Watkins

Otolaryngology—Dr. George V. Browne

Pathology—Dr. Abner Wolf

Pediatrics—Dr. Charles L. Wood

Pharmacology—Dr. Frederick G. Hofmann

Physical Medicine and Rehabilitation—Dr. Robert C. Darling

Physiology—Dr. Thomas H. Allen

Psychiatry—Dr. George E. Daniels

Public Health—Dr. Ray E. Trussell

Radiology—Dr. Russell Wigh

Surgery—Dr. Lawrence Sloan

Urology—Dr. Charles T. Hazzard

Two auxiliary members with major roles in the U.H.F. drive are Mrs. Edward H. Gerry (N.Y. Orthopaedic Auxiliary), chairman of the women's division, and Mrs. Ralph H. Boots (P.H. Auxiliary), chairman of hospital teams.

Double honor for medical librarian Dorothy Kurtz

A trip to Iran and a new post as president-elect of the American Association of Medical Record Librarians were big events this month for Dorothy L. Kurtz, chief record librarian of the Hospital.

Formerly first vice-president of the national association, she will take office as its president in October 1956. Miss Kurtz has been with the Hospital since 1929 and has initiated record keeping techniques here that since have become routine in hospitals throughout the nation.

In Shiraz, Iran, for which she departed on October 14th, Miss Kurtz will spend several months setting up the records system of the Namaze Hospital, opened earlier this year. P.H. has given three-year leaves of absence to a surgeon, anesthesiologist and nurse who constitute the operating room team at the Iranian center.

Taiwan nurse studying on third Maxwell fellowship

Hsen-Ling Shen, of the first nursing class to graduate in free China's National Defense Medical Center in Taipei, Taiwan (Formosa), this month received the third Anna C. Maxwell fellowship.

Miss Shen started nurses training in 1947 in her native Shanghai and went to Taiwan with other medical staff and students when the Chinese National Government withdrew from the China mainland. She was a staff nurse in the medical and surgical ward of the First General Hospital in the National Defense Medical Center and for the past two years was assistant instructor responsible for the clinical teaching and supervision of students. She is a member of the Nurses' Association of China and last year was cashier of its business division.

After her year in America, during which she will have an opportunity to observe our culture and customs, Miss Shen will return to Taipei to be an instructor in clinical nursing.

The fellowship, awarded by the Alumnae Association of our School of Nursing, provides for a year of graduate study for a nurse from abroad in the Nursing Education Division of Teachers College, Columbia University.

The American Bureau for Medical Aid to China, Inc., gave Miss Shen a travel award to pay for her three-day air trip. The award was suggested by Dr. Aura E. Severinghaus, associate dean of the Faculty of Medicine and a vice-president of the American Bureau.



Miss Shen

Comment Corner

From a Harkness Pavilion patient:

"There is a nurse's aide named Frieda Haladin at Harkness who served me as well as other patients in that section of the second floor where I was located. Miss Haladin was one of the most pleasant, co-operative and helpful people I ever have seen in a hospital—and that is no reflection on the others who work at Harkness. She not only capably performed her work but did it with unusual willingness and cheer—in fact, exuberance. It was truly a most pleasant experience to find such an individual in this day where indifference and apathy seem to be the rule.

"If Frieda Haladin regularly discharges her duties in the manner which I have observed, the Hospital is to be congratulated for having such a person in its employ!"

In Memoriam

We report with regret the deaths of the following members of the Medical Center Family:

A former chief pathologist of Babies Hospital and associate professor of pathology, Dr. Beryl H. Paige, who died in her native Amherst, Mass. on October 3rd, will be remembered by many here. Health considerations caused her resignation in 1953 after almost 30 years service. She was appointed instructor of pathology in 1924 and began work in pediatric pathology in 1930, becoming chief pathologist in five years later.

Among her contributions to her field was her work on toxoplasmosis, a parasitic disease. Dr. Paige also reported one of the first cases of Xanthomatosis of the Hand-Schuller Christian type. Her extensive knowledge of congenital heart disease and of perinatal pathology stimulated the interest of her colleagues and led to early recognition of these now popular fields of study.

An assistant resident of Babies Hospital in 1948-'50, Dr. James A. Bush, 31, was killed in an airplane crash in Wyoming on October 5th. He was enroute to Utah after attending the American Academy of Pediatrics convention in Chicago, where he had renewed friendships with members of the Babies Hospital staff. Dr. Bush was an assistant pediatrician in Salt Lake General Hospital.

A memorial service for Adolph Elwyn, associate professor of neuroanatomy, was held October 14th in The Pauline A. Hartford Memorial Chapel. His friends within and outside of the Medical Center attended. Professor Elwyn, 67, died in June.

Dr. Thomas T. Mackie, an authority on tropical disease and a former member of the P.H. staff, died on October 5th at the age of 60. Named director of the American Foundation for Tropical Medicine in 1940, he played an important role in making Americans aware of the threat of tropical disease in this country, and in helping safeguard the health of American troops in tropical areas during World War II.

Marie A. Hartlieb, staff nurse at Mary Harkness Convalescent Home, died in Port Chester's United Hospital September 19th. A past president of the United Hospital Nurses Alumnae Association, she was prominent in Port Chester activities.

Mrs. Anna Atkins, who retired in September 1952, died on October 6th. She was 68 years old and had worked here eight years in the Nutrition Department.

Mrs. Gertrude Marshall, a floor clerk (Nursing) on P.H. 8 for 20 years, died on October 11th. Mrs. Marshall joined the Hospital in 1928 and retired in 1948.

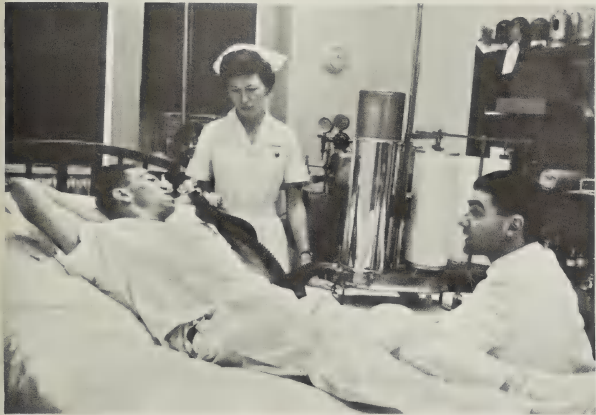
New approach to heart disease (continued from page one)

turn stimulated further research on circulatory problems in man and opened the way for correction by surgery of acquired and congenital cardiac defects.

Today the Laboratory is engaged in a wide range of research relating to respiration and circulation and the application of this research to patients with lung and heart disease. The nature of this work calls for close association with many departments other than the Department of Medicine, particularly Pediatrics and Surgery.

A key role in promoting effective liaison between the three departments for the management of patients was played by the late Dr. Kenneth Turner. Thus, the Cardiac Clinic has been completely reorganized so that decisions as to the best approaches to diagnosis and means of treatment for individual patients are made at a conjoint meeting of doctors from the Departments of Medicine, Surgery, and Pediatrics, and from the Cardio-Respiratory Laboratory.

The Laboratory, now under the direction of Dr. Alfred P. Fishman, Established Investigator of the American Heart Association, occupies most of the 7th floor stem. Its facilities include two fluoroscopy units,



Lung function test is used in the diagnosis of certain cardiac and pulmonary disorders. The interrelationship of the heart and lungs is basic to the Laboratory's approach to problems of diagnosis and research.

P.H. physicians

(continued from page one)

Instructional courses were given by Drs. Raynold N. Berke, Graham Clark, John H. Dunnington (director of service), Arnold W. Forrest, Ira S. Jones, Willis S. Knighton, Philip Knapp, John P. Macnie, George R. Merriam Jr., Charles A. Perera, Raymond L. Pfeiffer, Joseph A. C. Wadsworth and Maynard C. Wheeler.

At the American Heart Association's 28th annual scientific session in New Orleans, Dr. George A. Perera of the Medical Service gave the Lewis A. Conner Memorial Lecture on "Primary hypertension." Co-chairman of the heart meeting's section on cardiovascular surgery was Dr. George H. Humphreys II, director of Surgery.

On panels at the 57th annual convention of the American Hospital Association in Atlantic City were Richard N. Kerst, assistant vice-president and assistant secretary and assistant treasurer; Dr. Joseph E. Snyder, assistant vice-president-Vanderbilt Clinic and other services; Dr. E. Dwight Barnett of the School of Public Health and Administrative Medicine; and John J. Nelan, laundry supervisor. Their topics included hospital-physician relationships, planning of

standardization committees and the inter-relationships of housekeeping and other hospital departments.

Babies Hospital delegates to the 25th anniversary meeting of the American Academy of Pediatrics were Drs. Rustin McIntosh, director of Pediatrics; William A. Silverman who discussed mist therapy of premature children, and Melvin Grumbach, a comparative newcomer to the Medical Center, who spoke on "Cortisone treatments for the adrenogenital syndrome."

Dr. John Caffey, radiologist, gave a paper on x-ray diagnosis in pediatrics which discussed the significance in diagnosis of normal variants in the growing skeleton.

Dr. Alfred G. Langmann was named chairman of the Academy's Metropolitan and Lower Hudson Valley district of New York State.

"Diagnosis and treatment of cancer of the ovary" was Dr. Howard C. Taylor Jr.'s topic at the New York State Academy of General Practice meeting. Dr. Taylor, director of Obstetrics and Gynecology, is president of the American Cancer Society whose New York State Division co-sponsored the meeting with the State Medical Society and Department of Health.

a room for the study of lung-function, a chemical laboratory, and complete equipment for heart catheterization including a new multi-purpose machine which can record such data as electrocardiograms, blood pressures in individual chambers of the heart, as well as cardiac output. Using cathode ray tubes not unlike those found in ordinary television, the machine relays its information directly from the source onto two screens that are watched closely by the physicians performing the catheterization. Another feature is a built-in camera for the automatic photographing of desired information. The machine can also be coupled in the Laboratory with other devices for making various measurements of the efficiency of the lungs.

Mounted on wheels, the machine is freely mobile. Thus it is often taken out of the Laboratory and used in operating rooms in the Hospital to measure intra-cardiac pressures while the patient is undergoing surgery.

Working with Dr. Fishman is a staff of twelve, including three physicians who devote full time and two part-time, two cardiology residents, three technicians, a nurse, and a secretary.

In addition to its link with many different parts of the Medical Center, the Cardio-Respiratory Laboratory maintains contact with the corresponding laboratory of the Columbia Division (First Medical and Chest Services) at Bellevue Hospital. And it is typical of the close working relationship and interchange between the two laboratories that Dr. Fishman, who took over as director here in July, came to us from Bellevue where he also worked in collaboration with Drs. Richards and Courmand.

The Laboratory is supported by both the Presbyterian Hospital and Columbia University, while some of its funds for special research come from outside sources such as the American Heart Association and the U. S. Public Health Service. Generous contributions to the Laboratory for equipment have also been made by Mr. Daniel G. Arnstein, Mr. Henry T. Mudd, Dr. Dana C. Clarke, and the John Polachek Foundation.

In its relatively short existence the Cardio-Respiratory Laboratory has accomplished much. Perhaps its most significant contribution lies in having adopted a pattern for an integrated approach to the vast problems of respiratory and circulatory disease, particularly rheumatic heart disease, hypertension, congenital heart disease, and chronic pulmonary ailments. This approach represents a vital development in cardiovascular research and one which promises to pay dividends in terms of future medical progress.



The multi-purpose electronic machine, showing an electrocardiogram on the left-hand screen, is about to register intra-cardiac pressures on the right. The Laboratory physician is poised to record these phenomena.

Seven games that shook the world: A strange fever gripped the Medical Center. Everyone who could beg, borrow or steal a portable radio had one. Patients were luckier—they could watch the whole Yankee-Dodger world series on Hospital tvs or tune in to our bedside broadcasting system. Many remembered that the Medical Center site was once the ball park of the Highlanders, a team now known as the Yankees.

A man who had predicted the whole series back in March, *Gerry Walker* of Purchasing, wore an "I told you so" grin. He's an ex-member of the Dodgers' farm system.

Stethoscope also was overjoyed that Brooklyn won. After all, we printed Gerry's prediction didn't we? (see March issue, page 7)

Dr. Charles L. Wood of Babies Hospital received a telegram from his son happily announcing, "This is next year!" and *Edna Lowery* of P.H. Housekeeping just jumped for joy when the Dodgers took the final inning.

Stethoscopia

Wed. On Oct. 2nd, *Rosina Nicholosi*, secretary in Housekeeping Department, to Joseph Wallace of American Machine and Foundry Co.

Network notoriety for William Meister of Protective Department came when Arthur Godfrey discussed on his tv program the North Sea Mine Force, a World War I mine-laying group. Bill, a member of the squadron and its former executive secretary, was named on the Godfrey program.

Bang: Medical Center artillerymen make a lot of noise every Monday and Friday at Gun Club meetings from 4:30 to 7:30 p.m. in the armory across the street. Would-be Buffalo Bills and Annie Oakleys are invited to join by the club's recently re-elected officers—Dr. Frederick Craig (orthopedic surgery), president; Bertrand Wray (protective), vice-president; and Ray Werden (night orderlies), secretary-treasurer.

New supervisor of the Lester N. Hoffheimer Speech and Hearing Clinic is *Maurice Miller*, formerly with the speech and audiology center of Walter Reed Army Hospital. Other newcomers are *Elaine Kellerman*, speech pathologist, a graduate of Queens College, and *Leanne Atkinson*, audiologist, who holds a B.S. from the University of Wisconsin and an M.A. from Northwestern University.

In Vanderbilt Clinic Physical Therapy, they're welcoming back *Dorothy Balison* who worked five years ago with the Record Room.

Art and medicine: Four of the Medical Center's medical artists took part in the tenth anniversary convention of the Association of Medical Illustrators which met in October in New York. They are *Emil Bethke* of Eye Institute, *Robert Demarest* of Anatomy, *Alfred Feinberg* of Pathology, and *Ivan Summers* of Plastic Surgery.

Proud parents are *Tom Miccio*, supervisor in Receiving, and Mrs. Miccio, who welcomed a new daughter.

Coordination: *Katherine San Julian*, formerly of Babies Hospital, now divides her time between the P.H. Service of Physical Medicine and Rehabilitation and the P&S educational program for students of physical therapy. Appointed an associate in physical therapy, she coordinates activities in Hospital and College programs. This involves teaching, assistance in laboratory classes, and case demonstrations.

Current & Coming for Medical Center Family

Babies Hospital on television—on Sunday, Nov. 6th, 4:30 p.m. over the CBS-Channel 2 program, "Let's Take a Trip." A boy and girl acting team will meet staff and patients during a tour of Babies Hospital.

Gilbert & Sullivan—"H.M.S. Pinafore," with cast of medical and nursing students. Nov. 10th at 8 p.m. in Maxwell Hall.

An article on cystic fibrosis, a congenital disease affecting infants and children, appears in the November "Ladies Home Journal." The article mentions work done on the disease in Babies Hospital, where it was first defined in 1938 by Dr. Dorothy H. Andersen.

Vesper services—every Wednesday at 5:15 p.m. in The Pauline A. Hartford Memorial Chapel. Speakers:

Nov. 2 — Congressman Adam Clayton Powell Jr., an ordained minister.

Nov. 9—the Rev. Albert Penner, D.D., pastor of the Broadway Congregational Church.

Nov. 16—the Rev. John O. Mellin, honorary trustee of the Presbyterian Hospital and pastor of the First Presbyterian Church.

Nov. 23 — Chaplain John M. Krumm of Columbia University.

Thanksgiving service—Nov. 24th, 10:30 a.m. in the Chapel.

Christmas windows — the committee for the holiday decorations contest and the Medical Center's annual art exhibit will meet on Nov. 10th. Those interested in joining the committee may call ext. 7064.

P&S Club's annual fund drive to support cultural and recreational activities for all the Medical Center Family is now in progress. Contributions may be made to the treasurer of the club's directors, Dr. William S. Langford, P.H. 4-20.



At a tea held Sept. 30th, the Rev. Philip M. Mulcahy, chaplain since 1953, chats with, left to right, Helen F. Pettit, director of nursing education; Pauline Hennessy of DPPO, and Marie Robles, now working in Neurological Institute.

Rev. William P. Reed named full-time Catholic chaplain

New Roman Catholic chaplain of the Hospital is the Rev. William P. Reed, a native New Yorker who likes to work in hospitals.

His appointment, announced this month by President Charles P. Cooper, is the first the Hospital has made for a full-time Catholic chaplaincy. The Rev. Philip M. Mulcahy, chaplain since 1953, and the Rev. Gerard DiSenso, associate chaplain since 1954, alternated in their work here.

Father Mulcahy will devote more time to Blessed Sacrament Church and will assume chaplaincy duties at Memorial Hospital. Father DiSenso will be Catholic chaplain at the new Bronx Medical Center and of the Elizabeth Seton School for Girls in Tarrytown.

Father Reed was first here in July as acting chaplain. Now, he is on duty from 9 a.m. to 5 p.m. every weekday except Wednesday and celebrates 7 a.m. Sunday Masses in The Pauline A. Hartford Memorial Chapel. At other times, Catholic chaplaincy service is provided by the neighboring parish of Saint Rose of Lima on West 165th St.

Father Reed comes to the Hospital after having served with Memorial Hospital, Napanoch Institution and in parishes in Ellenville and Yonkers. He was ordained in May, 1953 and is a graduate of Cathedral College and St. Joseph's Seminary. In June, Cardinal Spellman appointed him to the New York Hospital Apostolate and assigned him to the Medical Center.

Retirements

Mrs. Clara Lackemacher, R.N., has liked working at the Medical Center so much that after her November 1st retirement she'll start private duty nursing in Harkness where she began as a general duty nurse. Kansas born and bred, Mrs. Lackemacher was a school nurse for most of her career and in the latter part of her almost 10 years here was night nurse in Maxwell Hall infirmary. Stating that she has always enjoyed working here very much, Mrs. Lackemacher says she values the many friends she has made and thinks the sense of rapport among the people here is truly wonderful.

George Hempel, an appliance fitter in the Brace Shop, has retired after five years with the Medical Center and 26 years previously with New York Orthopaedic Hospital. Mr. Hempel was presented with a wrist-watch at a tea given in his honor October 11—his last working day and also his birthday. He plans to winter in Florida and hopes to find a part-time job near his home in Lynbrook, Long Island.

Mr. Hempel says the daily trip is the only thing about Presbyterian that he won't miss.



Father Reed



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME 10, No. 10, DECEMBER, 1955



To our Staff
and Personnel:

Although it is said
"Christmas comes but once
a year," you have really
spread the Christmas spirit
every day of the year by
using your hearts and your
skills to give the most precious of gifts—Healing.
This should bring you much personal satisfaction,
and inspiration to meet the challenging opportuni-
ties ahead.

With thanks for a year of accomplishment,
I wish each of you, and your families, a Christ-
mas that will be joyful and a New Year that will
be filled with everything good.

A. J. Binckert

Vice-President and General Manager

Christmas-Art Committee elects Ivan Summers

Visions of sugar plums . . . and
Santas . . . and reindeer . . . and
snow scenes . . . and bells . . . will
dance in the heads of all the staff
and personnel at the Medical Cen-
ter as individuals and teams begin
plans for their windows in the an-
nual Christmas decorations contest.

Entry blanks will be available on
all bulletin boards and in Public
Interest as well as on page three of
this issue. These should be turned
in to Public Interest, P.H. 4-30, no
later than December 19th. Judging
will take place on December 20th
and 21st.

Prizes to the winners will include
the taking of colored photographs
which will be shown at the 1956
annual Arts, Photography and
Crafts Exhibition next Spring.

Heading the committee for this
year's Christmas decorations contest
and for the 1956 Art Exhibition is
Ivan Summers of the Webster Li-
brary of Plastic Surgery. Serving
with him are Dr. Meyer M. Meli-
cow of Urology, chairman of the
1953-'55 exhibitions; Drs. Henry

(Continued on page 4)



One of last year's windows. Some winners appear on page 4.

COLUMBIA UNIVERSITY
DEC 19 1955
MEDICAL LIBRARY

Christmas Calendar

Decorations—to be de-
livered to floors on Dec. 19th,
taken down on Jan. 3rd.

Lights on our outdoor
Christmas trees will be turned
on Dec. 16th.

Windows—no starting
date, but entry blanks to be
in to Public Interest on Mon-
day, Dec. 19th. Winners to
be announced on Friday,
Dec. 23rd.

Parties:

CEREBRAL PALSY LEAGUE of
Vanderbilt Clinic and Upper
Manhattan, Dec. 11th, in the
attending staff's dining room.
ORTHOPEDIC child patients'
party on Dec. 14th.

ANNUAL CHRISTMAS PARTY
IN BARD HALL, 8 p.m., Dec.
16th, Christmas carol sing,
Christmas show, refreshments.
All the Medical Center is in-
vited by P&S Club which is
giving the party.

DOLL'S TEA PARTY. Babies
Hospital's traditional display of
dolls for child patients, Dec.
20th.

MARY HARKNESS CONVALES-
CENT HOME Christmas party,
sponsored by the Home's Aux-
iliary, Dec. 20th.

PEDIATRIC CLINIC party, Dec.
22nd at 2:30 p.m.

MAXWELL HALL party—Dec.
24th following carols by staff
and nurses.

Christmas Music:

ANNUAL CHRISTMAS CONCERT
by the Student Nurses' Glee
Club—Dec. 15th, at 8 p.m. in
Maxwell Hall.

CHRISTMAS MUSIC broad-
casts over channel 1 of our
bedside broadcasting system:
ORGAN MUSIC by Donna
Götter every morning at 8:30
a.m., Dec. 19th-24th.

SONGS by Sue Smith, Van-
derbilt Clinic receptionist,
Dec. 21st at 6:30 p.m.

Carol singing:

EQUITABLE LIFE CHORAL
CLUB of the Equitable Life
Assurance Co., Dec. 15th, 7
p.m.

TEXACO CHORUS of the Texas
Co., Dec. 20th, 6:30 p.m.

KIPS BAY BOYS CLUB CHORUS,
Dec. 23rd, 5:30 p.m.

SHELL CHORUS of the Shell
Oil Co., Dec. 28th, 6 p.m.

In the Wards:

JUNIOR LEAGUE OF NEW
YORK QUARTET, Dec. 8th,
2:30 p.m.

FIFTH AVENUE PRESBYTER-
IAN CHURCH CHORISTERS, Dec.
18th, at 4 p.m.

ACCORDION & GUITAR music
by Sam Hollander and Peter
Lagano who will go through
the Hospital, Dec. 25th,
starting 11 a.m.

Christmas Vespers, Dec.
14th, 5:15 p.m. in The Pau-
line A. Hartford Memorial
Chapel. The Rev. Ralph W.
Sackman, D.D., pastor of
Christ Church, will speak.

Services on Dec. 25th

7 a.m. . . . Catholic Mass
10:30 a.m. . . . Protestant
Service with Holy Com-
munion

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The Employees of THE PRESBYTERIAN HOSPITAL
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REPORTERS

Accounting—Helen Hockenberger. *Anesthesia*—Ida Kauderer. *Chaplain*—Robert B. Reeves. *Gr. Graduate Nursing Staff*—Madeline Walsh. *Housekeeping*—Rosina Nicolosi. *Laundry*—Mary Minsky. *Library*—Y. B. McKnight. *Mary Harkness Convalescent Home*—Ann Parsons. *Nurses Aides*—Mary Ryan. *Buildings and Grounds*—Margaret Muccilli. *Edith Hinkle*. Robert Williams. *Orderlies*—Fred La Porte. *P & S*—Gerald Merson. *Barbara Sampson*. *Physical & Occupational Therapy*—Eunice Ford. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerald Walker. *Record*—Marion R. Trilling. *Social Service*—Evelyn Ayash (P.H.). Elka Fink (N.I.). Adelaide Vrooman (B.H.). *Vanderbilt Clinic*—Sophie Fields, Calvin Hatcher.

Photo credits: Christmas photos by Manny Warman; Sexton portrait by Buschke; Binkert portrait by Kaiden-Kazanjan; Today photos by United Press Associations; Let's Take a Trip photo by Robert M. Mottar of Scope Associates.

Dorrance Sexton elected to Board of Trustees

The election of Dorrance Sexton, insurance executive, to the Board of Trustees of the Presbyterian Hospital was announced by President Charles P. Cooper.

Mr. Sexton, who has been a member of the Presbyterian Hospital Corporation since 1954, is a resident of Montclair, New Jersey. He is a vice-president and director of Johnson & Higgins, insurance brokers, with which firm he has been associated since 1933, becoming an officer in 1949.

He is also a director of Willcox, Peck & Hughes, Inc., the Montclair Trust Company and the Cuban



Dorrance Sexton

Chamber of Commerce in the United States, and is a trustee of Seeing Eye, Inc., the Community Chest of Montclair, and the First Congregational Church of Montclair.

A graduate of Princeton University, Mr. Sexton is currently vice-chairman of the Princeton Graduate Council and Alumni Association and is on the Board of Editorial Direction of the Princeton Alumni Weekly. He has been an alumni trustee of Princeton since 1951.

P.H. teams have collected
\$169,790.37
so far in the 1955 drive of
United Hospital Fund.
Our goal is
\$171,632
The drive ends Jan. 31st.

Use of proper antibiotics reduces mortality in the Babies Hospital premature nursery

A measure which may reduce the death rate of premature infants was demonstrated in a study recently completed in our Babies Hospital premature nursery.

Drs. William A. Silverman of Pediatrics and Dorothy H. Andersen and William A. Blanc of Pediatric Pathology found in their study that a standard preparation, given infants to prevent infection, had a side effect which sometimes induced damage to brain tissues and subsequent mortality.

On the other hand, the use of oxytetracycline to prevent infection was associated with a very much lower mortality rate, the doctors' 10-month study of 200 babies showed.

Dr. Silverman pointed out that premature infants may be more sensitive to medications and may react differently from normal, full-term infants. Thus, certain substances such as oxygen and specific antibiotics that are used with benefit in full-term infants may be unsuitable for premature infants.

In addition, a treatment which lowers the death rate in our premature nursery is more significant in view of the fact that two-thirds of the infants brought to the nursery can accurately be described as the "smallest" individuals in the city and the mortality rate in consequence is somewhat higher than is expected for larger premature infants.

Doctors' Doings

Dr. W. P. Anderton, associate attending physician, retires on December 31st from the Nurse Advisory Council of the New York State Department of Education after six years as a member. He will still be active as secretary of the Medical Society of the State of New York and as a member of the Advisory Committee on Air Pollution to the New York State Joint Legislative Committee on Natural Resources.

In new post

New director of the New York Tuberculosis and Health Association is Dr. J. Burns Amberson, consultant to the Hospital since his retirement in July as visiting physician in charge of the Bellevue Chest Service. He is also professor emeritus of medicine of Columbia.

Dr. Amberson, who holds the Trudeau Medal given annually for the most meritorious contribution in the tuberculosis field, said treatment and control of tuberculosis are still complex problems. He pointed out that the number of persons contracting tuberculosis has been constant during the past 10 years although deaths from tuberculosis dropped and the lives of most tuberculosis patients have been prolonged.

Award recipients

Dr. Shyh-Jong Yue, a fellow in Physical Medicine and Rehabilitation here and at our affiliate, the Institute for the Crippled and Disabled, received an engraved gold medal and the essay award at the annual session of the American Congress of Physical Medicine and Rehabilitation in Detroit. The award was given for his paper on arthroplasty of the hip, its pre- and post-operative management.

Dr. Franz Altmann of Otolaryngology recently was awarded the Dr. Charles Bramman Meding award which is given annually to the person judged to have made an important contribution to the advancement of otolaryngology and/or

ophthalmology. Dr. Altmann's film, "Embryology of the Ear," was shown at the award meeting.

Portrait presented

A portrait of Dr. Nolan D. C. Lewis, former director of New York State Psychiatric Institute, was unveiled there on October 28th. A gift of the New York State Department of Mental Hygiene to the Institute, the portrait will be hung on the eighth floor, near the Institute's auditorium. Dr. Paul H. Hoch, now state commissioner of mental hygiene and on leave from his position on the Institute staff, presented the portrait.

Dr. Lewis, who retired in 1953, was director of psychiatry at the Medical Center for 17 years. He is now director of the New Jersey Neuro-Psychiatric Institute at Skillman.

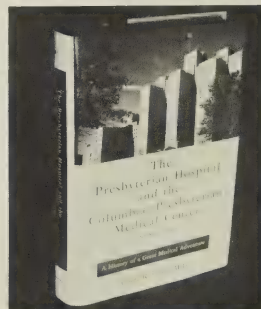
Re-elected

Dr. H. Houston Merritt, director of Neurological Service, was re-elected vice-president of United Cerebral Palsy at that organization's sixth annual convention in Boston this month. As vice-president, Dr. Merritt is in charge of medical boards for UCP. He is also chairman of UCP's Medical-Professional Executive Board.

Asian meeting

On the other side of the world, in Bangkok, Thailand, two of the Medical Center staff met as delegates to the World Federation of United Nations Associations. They were Dr. Michael Heidelberg, 1953 Lasker award winner who is now on leave from the Medical Center, and Dr. A. David Gurewitsch of Physical Medicine and Rehabilitation Service.

Both combined the UN meeting with other Far Eastern trips—Dr. Heidelberg lecturing in Bangkok and Japan; Dr. Gurewitsch studying the formation of rehabilitation services in Japan, Indonesia and Thailand.



Dr. Albert R. Lamb's comprehensive and anecdotal history of the Medical Center was published on Nov. 28th. Dr. Lamb is professor emeritus of clinical medicine in Columbia and consultant to the Hospital.

Speakers' platform

Dr. Hattie E. Alexander of Pediatrics spoke at a symposium on tuberculosis in childhood early this month in Denver. Dr. Rustin McIntosh, director of Pediatric Service, gave the Bela Schick Lecture on Nov. 30th at Mount Sinai Hospital on "Malformations: Some new studies of an old problem."

Comment corner

For an 85-year old woman in Massachusetts, scraps of colored papers, cards and bottles of paste formed a decade-long link with Babies Hospital. Bedridden for almost six years, she collected pictures for our child patients. At first she prepared whole scrapbooks and a child had but to turn the pages to unfold the scenes. Later, as her own strength waned, she sent the materials—neatly partitioned into blank pages, paste, and pictures.

Not long ago, our Massachusetts friend died and her daughter took "the privilege of sending one more package of cuttings." The daughter wrote how her mother's "willing hands had collected and cut out many of the pictures with the thought that they would amuse some child who is ill." The daughter added, "Thank you for your lovely letters. They gave us all a great sense of service to your wonderful work at the Hospital."

Tissue transplant discussed at College of Surgeons

Between the skull bone and the brain is a thick tissue called dura. At the Medical Center in the past year, Dr. James B. Campbell of Neurological Surgery performed a series of operations in which a seven-year-old girl's dura was almost completely removed and replaced with "dead" dural tissue.

These operations were described at the recent American College of Surgeons meeting in Chicago by Commander George W. Hyatt, officer in charge of the Tissue Bank of the U. S. Naval Medical School at Bethesda, Md., and his assistant, Lt. John W. Saville. They spoke at a panel discussion on "Experiences in Tissue Banking and Problems of Tissue Transplantation."

Previous experiments with dural transplants had been made with animals at the Naval Medical Research Institute, but Dr. Campbell's young patient is the first person to successfully receive a graft of freeze-dried dura. There are now about 10 known cases in the United States where such dural transplants have been carried out.

Dr. Campbell's patient was found to be suffering from a tumor of the skull, apparently caused by an abnormality of her own dura. Assisted by Dr. C. Andrew Bassett of Orthopaedic Surgery, Dr. Campbell planned resection of the major portion of the dura overlying the right and left temporo-frontal-parietal regions. The Navy's Tissue Bank supplied dura for the transplantation.

Except for a small area where transplanting could not be carried out, the child has shown no sign of recurring tumor. She is well-adjusted, attends school and the most visible mark of her many operations is the plastic helmet she wears to give her the protection once afforded by her now-removed skull bone. Eventually a protective metal plate will be inserted beneath the scalp.

The dura was collected by the Tissue Bank in a manner similar to the technique used in obtaining a corneal transplant from an eye. It was frozen rapidly, then dried to less than one per cent moisture. The dura was sealed into a vacuum container. As long as that vacuum is maintained, the dura can be stored or shipped at room temperatures.

Staff changes

Dr. Lawrence G. Kolb, director of Psychiatric Institute, has announced the following new appointments:

Dr. Leon Roizin as principal research scientist, Neuropathology, who succeeds Dr. Armando Ferraro, retired.

Dr. Bernard C. Holland as principal research scientist, Internal Medicine, succeeding Dr. I. Herbert Scheinberg, now associate professor of medicine at the Albert Einstein School of Medicine.

Dr. Horatio B. Williams, Dalton professor emeritus of physiology of Columbia University, died at the age of 78 on Nov. 1st.

The recipient of a distinguished service award at the Medical Center's 25th anniversary celebration in 1953, Dr. Williams was noted for scientific instruments he designed as well as for his leadership in physiological research. He helped develop the galvanometer, an instrument for measuring electric current, played a key role in the perfection of electrocardiographic instruments, and did extensive studies on electric shock, animal calorimetry, prevention of explosions of anesthetic gases and on radio-interference by medical equipment.

Dr. Williams joined Columbia in 1915, was consultant in physiology to the Hospital from 1923-1939, executive officer of the Department of Physiology in 1922-1938, and Dalton professor from 1922 until his retirement in 1942.

In Memoriam

Mrs. Joseph H. Choate Jr., who was associated with New York Orthopaedic Dispensary and Hospital for 29 years, died at 79 on Nov. 11th.

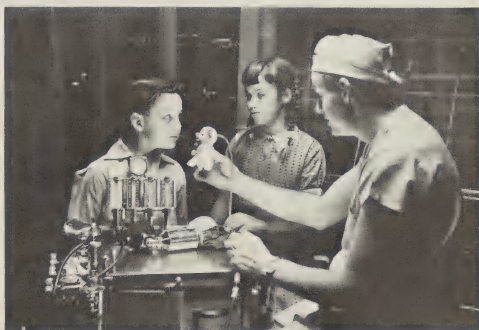
Mrs. Choate was a member of the Board of Supervisors from 1920 to 1944, serving as secretary of the board from 1924 to 1934 and in 1937-'38 and later as the board's third vice-president. She also was on the Board of Women Supervisors and in 1946-'49 was a member of the Social Service Committee.

was a volunteer serving regularly in Sterile Supply.

Dr. Joseph L. Lilienthal, who interned here in 1938-'40, died Nov. 19th at 44 years. He was professor and head of the environmental medicine department at Johns Hopkins School of Hygiene and Public Health and was internationally known for his studies of muscle and pulmonary physiology.

Mrs. Rose Kempner's interest in the Hospital continued through her 25 years employment and as a volunteer until her death on Oct. 30th in the Francis Delafield Hospital. Before her retirement in 1947 she worked as a seamstress in Housekeeping and later as a distributor in the Laundry. For three and a half years she

A memorial service for Eleanor White, 60, was held in The Pauline A. Hartford Memorial Chapel on Nov. 29th. Miss White was head evening nurse in New York Orthopaedic Dispensary and Hospital from 1947 until last July. She joined that hospital in 1945 as a general duty nurse and throughout her career was known for her devotion to her work. She died on Nov. 19th.



Television takes trips to the Hospital

On Channel 2 . . . CBS brought its live, half-hour show *Let's Take a Trip to Babies Hospital* on Sunday, Nov. 6th.

On Channel 4 . . . NBC noted the sixtieth anniversary of Roentgen's discovery of the x-ray via Dave Garroway's *Today* news program on Election Day, Nov. 8th.

Scenes here (above left) show a toy lamb being seriously studied by Pud and Ginger, the traveling CBS child stars. Dr. Duncan Holaday of Anesthesiology tells how child patients fall asleep after playing with the lamb through which anesthetic gas is passed.

With *Today* in our Betatron unit (above right) Dr. Gene Triano poses as a patient, Dr. Morton M. Kligerman positions him, and Francis de Freiss holds an electric control.

Dr. Harold W. Jacox (at right) holds a duplicate of Crooke's tube, resembling that used by Professor Roentgen in his discovery. This "patient" is Mrs. Anne Crawford, nurses aide. Dr. Juan Taveras demonstrates combined x-ray machine-fluoroscope.



Co-starring our own TV stars

- ☆ Dr. William S. Langford ☆ Dr. Duncan A. Holaday
- ☆ Phyllis Diegoli ☆ Paula deVautibault ☆ Martha Schunk ☆ Grace Laubach ☆ Ann M. Schumacher ☆
- ☆ Karen Clippinger ☆ Babies Hospital patients ☆
- ☆ Dr. Harold W. Jacox ☆ Dr. Juan Taveras ☆
- ☆ Dr. Morton M. Kligerman ☆ Dr. Gene Triano ☆
- ☆ Francis de Freiss ☆ Mrs. Anne Crawford ☆
- ☆ ☆ and all those in various Hospital departments who served behind the scenes on both shows ☆ ☆

Stethoscopia

Hungry for news, we've learned of the new Lollipop Committee formed to find out where said goodies are obtained for Hospital uses. Preliminary research shows Pharmacy, on receipt of requisitions, dispenses 45,000 pops per year to be given to child patients.

Twang: In search of a unique Christmas present is John O'Brien who alternates between duties as special officer in Protective and as student at Manhattan College. He wants bagpipes—new or old—and how do you fit that into a Christmas stocking? John and college friends are forming a bagpipe band to play Irish folk songs and accompany the marchers in St. Patrick's Day parades.

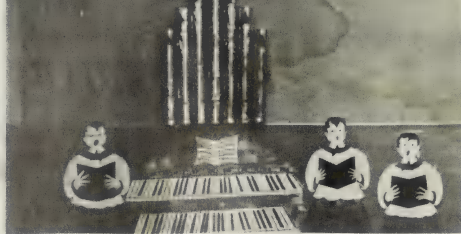
If you're wondering why you've always heard that Scotsmen have first claim on the bagpipe, see John who'll tell you "the pipes are as Irish as the blarney stone." And, if you happen to have bagpipes you're giving away, John will be glad to take them off your hands.

To wed: Esther Rosengren, nurse on PH9, to Raymond Clark Bartlett, P&S student; Rita Ruane, nurse in Anesthesiology Service, who's planning a spring wedding with Thomas Mulvehill of Watertown, Mass.; Dr. Sidney Gellman of Surgical Pathology, to Gloria Goodfried, a graduate of Connecticut State College; Joseph Franco, assistant supervisor of male attendants, announces the engagement of his daughter Jean Franco of the Comptroller's office to Pfc. Varner Nida of Idaho.

Proud Parents: Eugene T. Cleary, supervisor of Maintenance and Construction Department, and his wife welcomed their first child, Valerie Jane, on Nov. 3rd. Donald Howells, paymaster, and his wife greeted son Robert Howard on Nov. 16th. Mr. and Mrs. John Finnerty are parents of Dennis, born Nov. 1st. Mr. Finnerty is technician on the Orthopedic Bone Bank and Mrs. Finnerty was formerly coordinating therapist in Physical Therapy Department.

Authorities on differences between the hills of Canada and nearby Connecticut are Collette Blanchet and Gilberte Gagnon who came from their native Quebec to Port Chester to join the nursing staff of our Mary Harkness Convalescent Home. Mrs. Ethel Holder is new there too. She's teaching in the Home's schoolroom while Mary Paight is on sabbatical leave and Arlene Meisler became dietitian when Ramona Keesee resigned to study at Hunter College.

East met west in Maxwell Hall when Hsen-Ling Shen, the Shanghai-born nurse studying here on the Maxwell Fellowship, met Helen Young, director emeritus of Nursing. Miss Shen was "thrilled" at meeting the woman who had written the basic nursing text she had studied in Chinese translation.



Entry Blank Christmas Decorations Contest

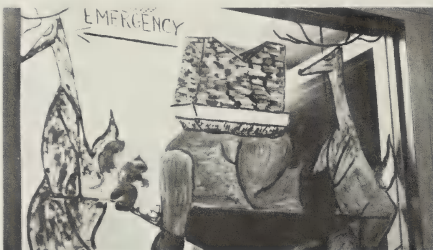
Location
(building, floor and room number)

Category: (check one)

- ☐ Jolliest
☐ Most imaginative
☐ Best expressing the spiritual nature of Christmas

Submitted by

This blank should be filled out and returned to Public Interest, P.H.4-30. Entries received after Monday, December 19th will not be judged.



Retirements

A man who can say he's been in more tight places here than anyone else in the Hospital is Henry Cranston. A foreman-plumber in Maintenance and Construction, Henry was on the inside of building operations of the Medical Center when he started in 1929. Proud of his 25-Year-Club membership, Henry also takes pride in his knowledge of the network of pipes behind the Hospital walls. On his December 1st retirement, as he set off to relax in his Bronx home, co-workers presented him with a watch and a cake with 65 candles at a surprise party. However, his days of leisure are already scheduled to be interrupted. His wife and son have some household repairs they want him to make.

Bertha Edmiston, here since 1931, met many of the Medical Center Family. She started in Food Service, working first in the personnel cafeteria and then, until it closed, in the Eye Institute cafeteria. For the past 25 years she has been in the Laundry Department, meeting people in the linen exchange uniform room and marking new uniforms. A widow, Mrs. Edmiston will see more of her five grandchildren during her retirement.

After 26 years of service, Elsie Jamison retired recently from her job as supervising registrar in Vanderbilt Clinic. A P.H. nurse (Class of 1918), she did nursing with the Near East Relief after World War I, served in pioneer studies on insulin and diets for diabetics, was assistant director of the American Hospital in Paris and did industrial nursing before joining the Clinic staff in 1931. Her retirement "free time" will be used for her hobbies of antique collecting and enjoying good music.

Mrs. Marion H. Pollak is retiring after 14 years in Babies Hospital Social Service where she was an administrative assistant and case worker for the Pediatric Cardiac Clinic. Mrs. Pollak was accorded many tributes by her colleagues, physicians with whom she worked and the community. She will head west on Jan. 1st to see her daughter, a pathologist at the University of Kansas Medical Center, and plans a trip to Europe next summer.

Those who saw her beautiful photographic exhibits in past art shows hope she will keep that camera handy on all her travels—also that we'll have a chance to see her photo album in the 1956 art exhibit.

Christmas Art Committee (Continued from page 1)

S. F. Cooper and George F. Crikelaar of Surgery; Cecile Covell, Marion D. Cleveland and Mrs. Ruth Villari of Nursing, Robert Demarest of Anatomy, Sgt. Edwin H. Behlmer of Protective Department, F. V. Britt of Buildings & Grounds, Chaplain Robert B. Reeves Jr., Miriam Hubbard of Mary Harkness Convalescent Home, and Patricia Connolly of Public Interest.

Angus J. Kennedy, a senior attendant in the nursing department for the past 10 years, came back from vacation in time to begin his official retirement on Dec. 1st. Mr. Kennedy, a graduate practical nurse, plans to go on our Nurses' Registry and hopes he will always work for Presbyterian.

Mary C. Brooks, who worked in the gift shop at the Neurological Institute for nearly 14 years, expects to spend the first month of her retirement on the proverbial busman's holiday—doing noon hour relief duty in the Neuro and Harkness gift shops. She wishes she could stay on at Neuro—says there's "no other place like it in the world—a wonderful spot."



The Stereoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

ERIAL

VOLUME 11, No. 1, JANUARY, 1956

Colors, up-to-the-minute convenience distinguish redecorated Harkness 9

Colorful with blendings of muted pastel shades, comfortable with the most modern conveniences, and charming in its overall decor . . . that's the description for our newly-opened section of the ninth floor of Harkness Pavilion. The new rooms for gynecological patients are the result of long thought and planning. The two private rooms and four semi-private rooms add 10 additional beds to the floor in an area formerly used for a nursery.

Some of the special features of these new rooms are the Simmons vari-hite, all purpose beds, Luxor extension bed lamps, and built-in dressers, wardrobes and equipment cabinets. The latter are stainless steel cabinets, specially designed by our staff to hold utensils used for gynecological patients.

A first glance distinguishes the rooms. A majority have three walls of one shade and the fourth wall in another pastel color. The color combinations used are maribou (a soft gray-rose) with delft blue, tawny beige with coalport green, maribou with delft green, soft silver gray with yellow, and the soft gray with dusty pink. (continued on page four)

Through the Hospital's windowland at Christmas

Medical Center's brigade of Santa Claus Helpers—doctors, nurses, elevator operators, secretaries, patients, volunteers, friends and relatives of the staff, and even the patients' visitors—began far ahead of time to help dress up the Center for Christmas. Among the 58 entries in our Decorations Contest were everything from an ingenious "crèche" in Neuro's lobby, with even the animals made by hand, to a "mobile" Christmas tree fashioned from coat-hangers and colored glass in the cancer research laboratory on P&S 12.

Because of numerous requests, Eye Clinic repeated its prize-winning display of last year, disqualifying itself from the 1955 contest. Nevertheless the clinic's stained glass entrance, organ, candles and pews were one of the major attractions on VC 1.

In some cases, the judges were hard-pressed to decide which of the Contest's 58 entries were best but their final selections were as follows:

First prize for "Jolliest" went to PH 9 east where "The Twelve Days of Christmas" were pictured on ward doors and windows of the nurses' station. Major credit for this

area belongs to student nurse Margaret Tibbals, who outlined the, whole series, with the staff and patients in that area helping in the painting.

Second "Jolliest" prize was awarded to surgical follow-up clinic on VC 10, where a parody of "The Night Before Christmas" was illustrated on the doors of 10 treatment rooms. All were done by Mrs. Elizabeth Crawford, a volunteer, who also wrote verses for each window.

A whole collection of Christmas scenes done by various doctors, nurses, and medical students brought first honors in the "Most Imaginative" category to PH 8 east. Here among a charming array of shepherds, angels and cherubs, were two little angels representing a PH doctor and nurse—the former hiding a vicious-looking hypodermic needle behind his back despite the innocent expression in his big blue eyes.

Second prize for "Most Imaginative" went to Jean Barry and Jennie Pino for their window in HP 4 — doctors' private offices. In this whimsical scene a team of reindeer were drawn up at a curb near a "restricted parking" sign, while a cheerful Santa stuffed coins into (continued on page two)

Nielsen triplets are the last Hospital admissions in '55

"This is some New Year's Eve!" exclaimed Lars Nielsen as he learned his wife had given birth to triplets, all boys.

Staff of Sloane's Hospital's delivery room were inclined to agree with him as they listed the Nielsen babies A, B, and C—the last Hospital patients admitted for 1955 and the only triplets that year. They arrived at 11:46, 11:51 and 11:52 p.m. on Dec. 31st.

The Nielsen triplets are the thirteenth set of triplets born since the Medical Center opened. Triplets were born in 1933, 1936, 1939, 1942, 1943, 1944, 1945, 1946, three sets in 1949, and the last set in 1954. The only known set of quadruplets born in Sloane arrived in 1944.

Mr. and Mrs. Nielsen, who have been married since April, 1945, were delighted with triplets. Not 'til the boys were five days old, however, were the parents able to decide on names for all of them. They finally picked Lars, Valdemar, Kirk Alexander and Hans Neal.

Mrs. Nielsen was a bit jealous because her husband and mother saw the babies before she did. "Now I go to the premature nursery to see them so often, all the elevator operators know me and ask about the babies."

Mrs. Nielsen was glad that Social Service is helping her solve the (continued on page four)

At the Hospital's parties



Mrs. Grover O'Neill, Mrs. Casimir deRham, Mrs. Frederic deRham, of the Board of Women Managers, look over display at dolls' tea



Dr. Jack Bowman, as Santa Claus, helped serve cookies and ice cream at Pediatric Clinics' party. Each child received gift



At Orthopedic's party, these youngsters made their own music with borrowed drums and watched Dr. Leonard Marmor aid the magician

Current & Coming for the Medical Center

United Hospital Fund Drive . . . ends Jan. 31st. Our teams have collected \$195,152.36, which is \$3,520.36 more than our goal of \$191,632.

Volunteers receive service awards at their annual tea on Jan. 25th at 5-7 p.m. in Maxwell Hall.

25-Year Club's Annual Dinner . . . March 22nd at 6 p.m. in Bard Hall. The 24 new members will bring the club's total membership to 425.

Vesper Services . . . 5:15 p.m. every Wednesday . . . in The Pauline A. Hartford Memorial Chapel.

Concerts . . . sponsored by the P&S Club . . . at 8 p.m. in Bard Hall . . . with Eugene Istomin, pianist, on Jan. 25th.

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REPORTERS

Accounting—Helen Hockenberger. *Anesthesia*—Ida Kauderer. *Chaplain*—Robert B. Reeves, Jr. *Graduate Nursing Staff*—Madeline Walsh. *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Y. B. McKnight. *Mary Harkness Convalescent Home*—Ann Parsons. *Nurses Aides*—Mary Ryan. *Buildings and Grounds*—Margaret Muccilli, Edith Hinkle, Robert Williams. *Orderlies*—Fred La Porte. *P & S*—Gerald Merson, Barbara Sampson. *Physical & Occupational Therapy*—Eunice Ford. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerald Walker. *Record*—Marion R. Trilling. *Social Service*—Evelyn Ayash (P.H.), Elka Fink (N.I.), Adelaide Vrooman (B.H.). *Vanderbilt Clinic*—Sophie Fields, Calvin Hatcher.

Photo credits—Orthopedic party and Mr. Caston by Cassel Studio; all other photos by Manny Warman.

Through windowland . . . continued from page one

parking meters from his sackfull of pennies.

One of the most remarkable projects of all won first place for Urology Clinic, VC 3, in the category "Best Expressing the Spiritual Nature of Christmas." There the whole "A to Z History of Christmas" was depicted, covering every one of the glass panels running along the top of the wall partitions. Treatment room doors were also decorated with some of the most unusual and artistic scenes anywhere in the Hospital. Credit for the "A to Z History" belongs to Mrs. Eva Tanner, while treatment room doors were done by Mrs. Tanner, Mrs. Margaret Atkins, Mrs. Mae Marcroft, Evangelia Divoli, Joseph Potterfield and Roger Logan.

Second prize in the "Spiritual" category went to main cafeteria on PH 1. Mrs. Dorothy Rissler, former dining-room supervisor, came back to paint shepherds, wise men, angels, and cheristers on four large windows there.

A special award in the "Spiritual" group was given to Recreational Therapy, BH 12, which featured an exceptionally beautiful manger scene, with special lighting effects and a recording of "Silent Night" playing softly in the background.

At Mary Harkness Convalescent Home in Port Chester, Stanley Muzoleski and Ann Parsons were awarded the prize for outdoor decorations, while honors for indoor decorations were won by Edna Bambay's paintings on the Recreational Therapy Department's doors.

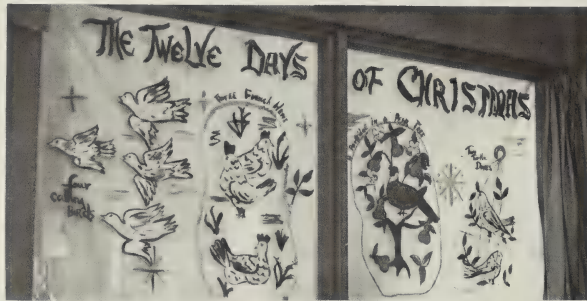
Honorable mention went to Gerald Merson's "mobile" Christmas tree, P&S 12-235; the "crèche" in Neuro's lobby, made by a former N.I. staff member, Mrs. Harrison Smith; and to window paintings by Lorraine Jacobson, R.N., BH 5; Carolyn Schneider, P&S 17-504; Oksana Wolchuk, VC 2-226; student nurses Barbara Holt and Phyllis Mollé, Eye Institute 3; Irene Dilger, R.N., PH 14 west; and visitor Charles Brewer, HP 8, nurses' station.

Winners in the Decorations Contest received boxes of candy, photo-

graphs of their entries, blue ribbons for first place and red ones for second place. The photographs will be a special exhibit in the Hospital's annual art show in the spring.

On the committee for the contest were Ivan Summers, chairman; Drs. Meyer M. Melicow, Henry S. F. Cooper, George F. Crikelair; Cecile Covell, Marion D. Cleveland, Miriam Hubbard, Patricia Connally, Mrs. Ruth Villani, Chaplain Robert B. Reeves Jr., Robert Demarest, F. V. Britt and Edwin H. Behlmer.

A long holiday wound around the windows of PH 9 east where everyone had a share in drawing and painting. At right is closeup of the twelfth day of Christmas. Below is the start of the series, which won 1st prize as jolliest.



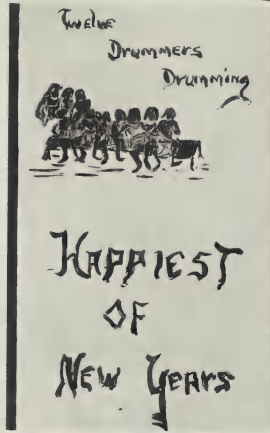
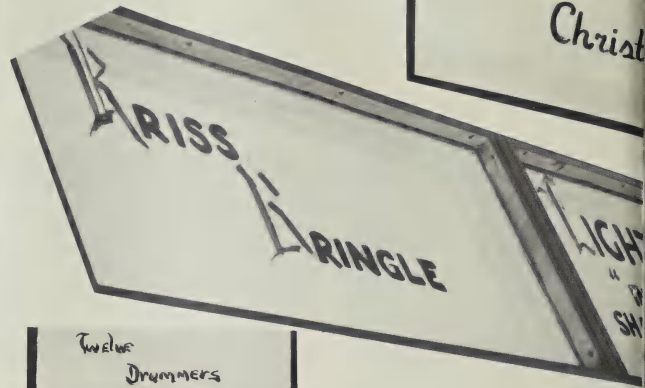
Their "greatest Christmas present"

On Christmas Eve 1947, Elena's birth brought great joy to her parents. They rejoiced over their first child until her hoarse cry and difficult breathing caused them to bring her to this hospital. She was operated on for a larynx condition and remained here for constant medical care for two and a half years.

Even then, Elena was not completely like other children. With a tube in her throat, her voice was only a whisper. She became lonely for it was hard for her to speak with other children, even her brother and sister whom she had to leave for a day or two every second week while she came back to the hospital for treatments. This went on for almost six years.

Then it was December again and Elena's doctors were able to give her and her family a great Christmas present. They took the tube out of her throat and found she would not need it any more. And so, on Christmas of 1955 there was again great joy in Elena's home and thanksgiving too that she would soon be able to be like other eight-year old girls.

From A to Z through the alphabet and in every language staff of Urology Clinic on VC 3 wished "Merry Christmas" to those who saw the treatment room windows. Their expression of the spiritual nature of Christmas was awarded first prize.



Manger scene in modern setting. Dorothy Rissler's paintings on cafeteria windows won second place in "spiritual" category.



VC 10's ten-window parody of "The Night Before Christmas" won second place for jolliest.

Stethoscopia

A traditional Christmas picture is the postman staggering under his heavy burden on the holiday eve. But sympathy begins at home—in our own mail room, to be specific.

Twice the week before Christmas and the ten people handling the many messages of cheer which came in and out of the Hospital wrestled with two and a half times their normal work load. More than 35,000 pieces of mail came into the Hospital . . . as against 12,000 in a normal week.

Five thousand Christmas cards to personnel—here, retired, on military leave — were among the 21,523 pieces of outgoing mail, 6,500 pieces more than in an average week.

The gaiety of the holiday season meant a lot of work for some people . . . Stethoscope would like to speak on behalf of everyone and say thanks to all those who participated and particularly to:

The Christmas Committee headed by Elizabeth R. Callahan and including Lillian Brown, Nellie Estey, Catherine Gallagher and Grace Robles, Helen Meade, Virginia Smith, Donna Lu Johnson, Harold F. Liscombe, Eugene Cleary. (And from Miss Callahan, personal thanks to committee members and all who aided them directly or indirectly.)

To Housekeeping Department for their pains in delivering and taking down and storing all the holiday decorations . . . and especially to Frank Quigley who's known as the "Christmas man" because he takes such a great personal interest in seeing to it that every part of the Hospital is festive for Christmas.

To Maintenance whose men erect and trim the outdoor trees and to the others in Buildings and Grounds who prepare the lovely floral arrangements seen throughout the Hospital.

To the dietitians who see to it that dining rooms and patients' trays are festive and gay.

To Yolanda McKnight of Milbank Library for her daily broadcasts of Christmas stories; Donna Gotter, student nurse, for her organ music, and Sue Smith, Vanderbilt Clinic receptionist, for her singing.

To Chaplain Robert B. Reeves Jr. and his staff, and Bill Earl and Gene Mozzillo of Radio Control, for their arrangements in bringing outside talent into the Hospital to entertain patients.

To all the doctors who garbed themselves as St. Nick to make child patients happy.

To the doctors and nurses who went carolling on Christmas Eve . . . and the many who put on entertainment skits for staff and patients.

And to the footsore members of the Christmas Decorations Contest committee

In the "it happens every time" classification, there's the tale of the man who was putting up the information sign and arrow pointing to the 1st floor, P.H. information desk. Just as he was hammering in the tip of the arrow, a man tapped him on the shoulder to inquire, "Can you tell me where the information desk is . . . ?"

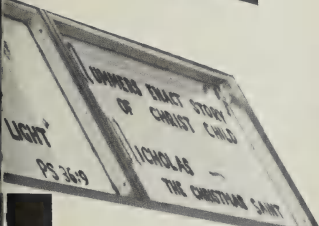
Speaking of reunions, Bishop Herbert Welch, D.D., who will speak at the Jan. 25th Vesper Service, will meet at least two former acquaintances. He officiated 33 years ago at the wedding of Associate Dean and Mrs. Aura E. Severinghaus in Yokohama, Japan, and at the ordination of the Rev. Edwin Barton, director of the P&S Club. Dr. Welch, now retired, was bishop of the Methodist Church.

In sunny Italy to lecture and teach on orthoptics is Nancy M. Capobianco, orthoptic technician in Eye Institute. During her year's leave of absence, she will be in eye clinics of the Universities of Rome and Parma.

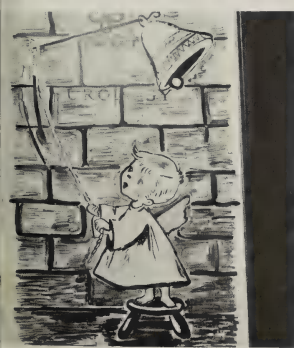
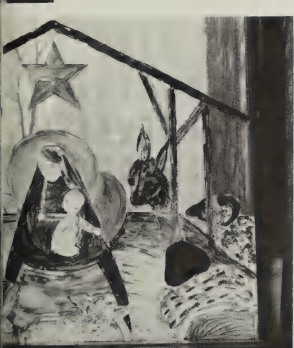
Usually when this column mentions proud parents we mean those with new babies. This time we have the parents of adults in mind:

Mrs. Rose Alvo, practical nurse on VC 10, shows the clippings about her son Richard, a thespian since his teens and now a Pfc. stationed in Germany. The Army's "Stars and Stripes" gave rave reviews to the stage show he's produced, directed, acted in, written and for which he composed songs and lyrics. He also took first prize in an All-Army talent contest for his soft-shoe dancing.

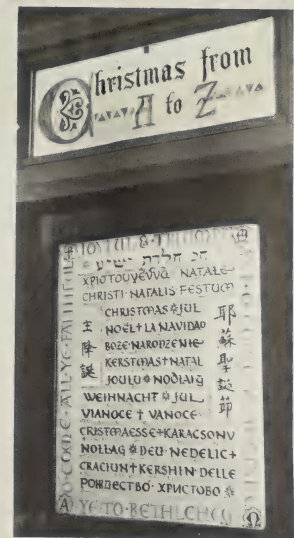
Albert Callus, foreman of the flat work department of the laundry, is as proud of his son, Albert Jr., as he is of his 26 years with the Hospital. Al Jr. is a magician who returned after two years in Germany during which he entertained the troops. Still pulling rabbits out of hats, he also is attending Rutgers University.



There's always parking space for Santa, say Jean Barry and Jennie Pino who took 2nd prize for their imaginative mural on DPPO four.



Angel rings a bell in the A to Z history on Roger Logan, attendant, was artist.



"Cherubic" doctor, by med student Robert Bertsch, was one of series on PH 8 east to win first honors as most imaginative windows.

With sincerest thanks . . .

We extend our thanks to all individuals and organizations whose generosity and thoughtfulness in gifts made it possible to bring throughout the Hospital the aura of Christmas and to provide each child patient with a gift on Christmas morning.

Piles of candy higher than a man—the answer to a child's dream. New York Candy Club, an association of manufacturers' representatives, donated the candy to the Hospital for all the parties for child patients. The man is Harry Caston, chairman of the club's committee on Christmas candy. A member of the Cerebral Palsy League of Vanderbilt Clinic and Upper Manhattan, Mr. Caston started off to supply candy for their party here, then convinced the Candy Club to obtain supplies for all child patients' parties.



Comment Corner

"May I take this inadequate means of expressing to you our admiration and appreciation for the professional skill and dedicated manner in which her doctor and all those associated with him recently ministered to our daughter. That, alas, she and they lost the fight for her life does not one whit lessen our respect and thanks for all that was so resourcefully tried on her behalf by everyone affiliated with your great Hospital.

"In our deepest sorrow, we have at least the genuine solace of knowing that every skill, every effort and every attribute of dedication to the lofty practice of medicine was availed of by all who partook in our daughter's care from the doctor down through every strata of your fine staff—medical and, likewise, administrative.

"For all of this you have our greatest admiration and sincerest thanks."

Colors . . . cont. from page 1

The floors are black and white marbelized tile made of vinyl corlon, a newer synthetic. The bathroom walls are done in gray tile and the room furniture is silver gray metal with formica top in gray and white linen weave pattern. Chairs are done in the gray metal and upholstered in coral naugahide.

Vari-hite beds live up to their name. They rise to regular hospital bed height for facilitating doctor's examinations and lower to nine and a half inches off the floor, enabling patients to get in and out of bed more comfortably and easily. Like all hospital beds, these can be raised and lowered at the head or foot. They also contain spaces so that stands for holding bottles for intravenous feeding can be set into the bed frame.

Carrying out the decor of the rooms is the reception room for the floor. Here three walls are in moonstone, an off-white shade, and the fourth wall in salmon color. Chairs and sofa are finished in fawn oak; the sofa is upholstered in indigo taurus tapestry; lounge chairs in orange and ecru texture fabric; and side chairs in middy blue. Lamp tables are done in nubian oak and lamps are gray on gray ceramic. The floor to ceiling draw curtains are linen casement cloth in orange and ecru.

Chaplain Souter leaves

The Rev. Charles E. Souter, who has been associate Protestant chaplain since 1949, left the Hospital chaplaincy to give his full-time services as pastor of the Community Presbyterian Church of Malverne, Long Island.

Notary publics' facilities available

For the convenience of patients and staff, notary publics are available as follows:

Monday to Friday, 9 a.m. to 5:30 p.m.—Room 137, phone extension: 7947; main cashier's desk—ext. 7778; Neurological Institute, staff secretaries' office, 1st floor, ext. 7181.

On Saturdays, Sundays and holidays, 9 a.m. to 5 p.m., room 1-137, ext. 7994.

In the College of Physicians and Surgeons, Monday to Friday, 9 a.m. to 5 p.m.—Dean's office, room 2-406, ext. 7065; Dental School, student admissions office, room 208, 7th floor, ext. 7235.

Young girl with a purpose

Jean Tutunjan, who is 12, decided this year to write to Mrs. Eisenhower and play Santa Claus herself. Mrs. Eisenhower is national chairman of the honorary sponsors of the National Nephrosis Foundation.

The young lady's big concern was the current New-York-New Jersey fund drive for nephrosis research. In block letters she carefully spelled out for the president's wife the need to fight this "terrible disease." She hasn't received an answer yet, but "expects she will soon."

Jean also went into her own business to raise money for nephrosis. In her father's shop in Summit, N. J., she displayed articles she had made on the 12th floor playroom of Babies Hospital when she was here recently as a patient.

Customers don't always take their purchases, but in the past two weeks, Jean's earned \$22 for nephrosis.

Triplets . . . cont. from page 1

problems of what to do when three babies arrive.

"I thought it would have been nice to have twins as we expected," said Mrs. Nielsen. "When I heard about the triplets, first I was surprised; then I worried until I saw the wonderful way you take care of premature babies; and now I'm just busy asking the nurses how you take care of more than one baby at a time."

At auxiliaries conference

Participating in panel discussions at the recent conference of the Committee on Hospital Auxiliaries of the United Hospital Fund were Mrs. George A. Perera, chairman of the Woman's Auxiliary of the Presbyterian Hospital; Mrs. Frederick R. Bailey, past chairman; and Mrs. Royall C. Cannaday, chairman of the Thrift Shop Committee of the Neurological Institute Auxiliary. Their topics were, respectively, "The Auxiliary's Relationship to the Community," "The Auxiliary Meets," and "Thrift Shops."

Doctors Doings

Dr. Jacox honored

In a surprise tribute as Dr. Harold W. Jacox, retired as president of the New York Roentgen Society, members presented him with a leather scroll stating:

"The officers and members of the New York Roentgen Society express their appreciation of the manner in which Harold W. Jacox, M.D., has conducted the affairs of the society as president. His persistent efforts, integrity, and enthusiasm have won for him the deep admiration and respect of the members and of the profession at large. These achievements are hereby recorded on this scroll and on the minutes of the society."

Dr. Jacox served successively since 1951 as treasurer, secretary, vice-president and then as the society's president in 1954-'55. He became a member of its executive committee for the year 1955-'56.

Named by Academy

Dr. Landrum B. Shettles, who is known for his studies of the human embryo, was named a fellow of the American Academy of Obstetrics and Gynecology. His induction to the academy took place at its fourth annual clinical meeting last month in Chicago.

Exhibit wins prize

Honorable mention was accorded the scientific exhibit presented at the ninth annual postgraduate assembly in anesthesiology by Drs. Frederick W. Hehre and B. Raymond Fink of the Medical Center and Dr. Paul M. Wood of the Wood Library-Museum of Anesthesiology. They showed development of artificial airways from its beginning through improvements in design made at Presbyterian Hospital.

Others from the Medical Center who took part in the scientific programs were Dr. Alfred P. Fishman, director of our Cardio-Respiratory Laboratory, and Dr. C. Ines Campomanes of Anesthesiology Service who gave a paper during the residents' program.

Clinic chiefs named

Newly designated as chiefs of clinics for 1956 are Dr. Lester A. Mount, neurological surgery; Dr. Franz Altmann, otolaryngology; Dr. Philip Wiedel, surgery, and Dr. Ralph Veenema, urology.

Renamed for 1956 were Dr. Ernest Salanitre, anesthesiology; Dr. J. Lowry Miller, dermatology; Dr. Albert R. Lamb Jr., medicine; Dr. Daniel Sciarra, neurology; Dr. C. Paul O'Connell, obstetrics and gynecology; Dr. Maynard C. Wheeler, ophthalmology; Dr. Halford Hallock, orthopedic surgery; Dr. William A. Bauman, pediatrics; Dr. Morton Hoberman, physical medicine and rehabilitation; Dr. Robert B. McGraw, psychiatry.

In Memoriam

Mrs. Roswell Miller Sr., who was an honorary member of the Board of Women Managers of Babies Hospital for the past 30 years, died on December 24th at the age of 94. Mrs. Miller served as a board member from 1901 to 1925.

A memorial service for Dr. Laszlo Reiner, research associate in the Institute of Cancer Research of P&S, will be held at 5 p.m., Jan. 20th, in The Pauline A. Hartford Memorial Chapel.

Dr. Reiner, who received his M.D. and Ph.D. from German Universities, joined the Department of Medicine in May, 1954. He died Nov. 27th at the age of 51.

Before joining Columbia, Dr. Reiner was director of pharmaceutical and medical research for Wallace & Tiernan Products Co. and was instructor in bacteriology at New York University for 11 years. Dr. Reiner's research work dealt with gamma globulins and insulin.

Dr. Paul Loewy, assistant attending neurologist, died on December 9th at the age of 67. Dr. Loewy entered the Hospital on December 6th after suffering a cerebral hemorrhage.

Born in Vienna, Austria on November 4, 1888, Dr. Loewy was graduated from the medical school of the University of Vienna and served in that university's Neurological Institute and as director of neurological and psychiatric departments of military hospitals in Poland and Italy after World War I. During the war he was medical officer with the Austrian Infantry on the Russian Front.

In Vienna from 1921 to 1938, Dr. Loewy served with the Rothschild-Foundation for Nervous Diseases, and with other Viennese boards and clinics.

Coming to America in 1938, Dr. Loewy began practicing in 1940 in New York and was made a diplomat of the American Board of Neurology and Psychiatry in 1943. Before joining the Neurological Institute staff in 1948, he held posts in neurological departments of Mt. Sinai and Beth Israel Hospitals and was an assistant neurologist in Vanderbilt Clinic. He was also a field physician with the New York City Veterans Administration. He is survived by his wife, Gabriele F. Loewy, who works in the Institute of Ophthalmology, and his daughter, Hannah Miriam Loewy.

Angelo Cinque, elevator operator, died December 12th following a heart attack. He began working here in 1952, served with Protective Department during part of 1953 and worked as night elevator operator from 1954 until his death.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME II, No. 2, FEBRUARY, 1956

His Colleagues Honor Dr. Rustin McIntosh

"Badges" of read and green-blue McIntosh plaid appeared on lapels of 'most everybody in Babies Hospital' on the morning of Feb. 10th. A bouquet with heather was on the desk of Dr. Rustin McIntosh.

Friday's regular staff conference looked like Alumni Day as former staff members attended en masse. Five former residents presented a special afternoon scientific program.

The festive atmosphere and visitors had a reason—Rustin McIntosh Anniversary Day, his 25th anniversary as Babies Hospital director.

The real celebration took place at the Cosmopolitan Club where more than 200 alumni, staff members and representatives of other Hospital services gathered to congratulate Dr. McIntosh.

The event marked establishment of a fund to be used at Dr. McIntosh's discretion for "an enduring project" for Babies Hospital.

Dr. Ashley Weech, who worked closely with Dr. McIntosh until 1944, was master of ceremonies for a varied entertainment program that included a pseudo-Wagnerian opera directed by Dr. Douglas Damrosch. Dr. Yale Kneeland Jr., of Medical Service, was spokesman for well-wishers from other services.



Dr. Rustin McIntosh

Another highlight was the unveiling of a caricature of Dr. McIntosh. The drawing was done after Dr. McIntosh had modestly turned down his associates' request that he sit for a portrait.

Committee for the arrangements of anniversary day were Drs. Hattie E. Alexander, John Caffey, Howard Mason, Katharine Merritt, Conrad Riley, and Charles Wood.

Those who participated in the afternoon scientific program were Drs. J. Harry Ebbs, Edward H. Ahrens, Margaret H. Jones, Edward H. Townsend Jr., and Jerold F. Lucey. Dr. Mason presided.

Grand Openings in Dermatology and Metabolism

A week of grand openings brightened the Hospital scene in mid-January with eighth and ninth floor areas in the spotlight. On the 17th Metabolism's two five-bed wards with tan and turquoise decor were dedicated. On the 20th, Dermatology celebrated the opening of a cheerful new unit of two four-bed wards with laboratories and offices. In the midst of much rejoicing, Dr. Nelson expressed one regret: "If only Dr. Hopkins and Dr. Cannon could be here!" (The late Drs. Gardner Hopkins and Benson Cannon were directors of Dermatological Service.)



Above: The joy of Dr. Carl Nelson and his staff is evident at the dedication of the Dermatology unit on eighth west.

New Kitchen: Same Menu

Eating the same three meals daily after day is the lot of a few patients in the metabolism unit on Presbyterian's ninth floor. In varied studies being made on patients with hypertension, endocrine disorders, diabetes, heart disease, arthritis, and other illnesses, such a factor as food must remain controlled so that the results of the studies can be interpreted correctly.

As controls for various studies, medical students and doctors also have been on constant diets.

The new metabolism kitchen is a bright feature in the preparation of the constant diet. Iva Moen and Mary Iles prepare three meals a day for as many as five patients. Both dietitians are delighted with the new unit—the sparkle of stainless steel refrigeration units, wall oven and cabinets, the four-burner built-in electric stove and the steam cooker.

Dr. George A. Perera, who is in charge of the research, determines which patients may be studied in the unit. Then the physician in charge of the specific patient pre-



Margaret Hawthorne, nurse supervisor, proudly displays the intercom unit in the nurses' station of the new ninth floor Metabolism ward.

scribes the precise diet. This order may indicate the protein and calories required, and the electrolytes or minerals to be constant, such as sodium, potassium, or calcium.

The dietitians exercise great care to assure a constant diet for the patient each day. Each item of food is weighed to a tenth of a gram, an almost immeasurable variation. In certain studies, daily food total intake as served to a patient is sent to the laboratory for analyses.

So that each day's food in the study is the same as the previous day, a complete supply may be ordered from Food Service's storeroom

(Continued on Page 2)

Annual Arts and Crafts Exhibition Set for April

Medical Center's 1956 Arts, Photography and Crafts Exhibition will be held from Monday, April 9, through Friday, April 20, in the west end of the Personnel Dining Room and in the Board Room of Babies Hospital. As in past years, the exhibit will be a showing for the enjoyment of the Medical Center Family and their friends, not a contest—so no one need feel shy about entering his own works of art. The exhibition will be open to the public and there will be no entry fee or admission charge.

Exhibits should be entered with the Public Interest Department, Room 30, PH 4. Entry blanks will be posted on bulletin boards throughout the Medical Center in the near future and may also be obtained from the Public Interest Department, at the information desks of all Hospital units, the College of Physicians and Surgeons, and Maxwell Hall, and also in the doctors' coat room.

Eligibility

1. All members of the staff and personnel of the Medical Center are eligible to display work in the exhibition and are cordially invited to do so. Because of space limitations it will not be possible to accept entries by the relatives of our staff or personnel.

2. Fine art work, including sculpture, paintings, and sketches; crafts, such as leather work, weaving, basketry, etc., and art photography will be welcome. However, medical art studies (clinical studies and the like) will not be included.

3. All work must be original. Exact copies of works of art are not considered original.

4. Art work which has been exhibited in Medical Center's exhibition in previous years may not be shown again.

Limit on entry items

5. Each individual may enter three items in the exhibition. These need not be in the same category. If there is an unusually large total entry, the committee reserves the right to choose for display the best of an exhibitor's three entries.

Kodachromes

6. Kodachromes, no matter how many an individual enters, are considered one entry. The total number of kodachromes to be on view will be determined by the capacity of the viewing boxes.

Mounting

7. Photographs must be mounted on 16 x 20 mat board, with only one

(Continued on Page 4)

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Room 31, P.H. fourth floor, telephone extensions 7076, 7064

REPORTERS

Accounting—Helen Hockenberger. *Anesthesia*—Ida Kauderer. *Chaplain*—Robert B. Reeves, Jr. *Graduate Nursing Staff*—Madeline Walsh. *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Y. B. McKnight. *Mary Harkness Convalescent Home*—Ann Parsons. *Nurses Aides*—Mary Ryan. *Buildings and Grounds*—Margaret Muccilli, Edith Hinkle, Robert Williams. *Orderlies*—Fred La Porte. *P.S.*—Gerald Merson, Barbara Sampson. *Physical & Occupational Therapy*—Eunice Ford. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerald Walker. *Record*—Marion R. Trilling. *Social Service*—Evelyn Ayash (P.H.), Elka Fink (N.I.), Adelaide Vrooman (B.H.). *Vanderbilt Clinic*—Sophie Fields, Calvin Hatcher.

Photo credits—Picture of Dr. McIntosh by M. Warman; all other photos by Cassel Studio.

New Kitchen

(Continued from Page 1)

for the duration of the study. With the new food freezer everything for a whole study from the patient's meat to bread and butter may be kept in the ninth floor unit.

Patients are "on their honor" to eat nothing but what is served to them. They must also finish all they are given, "licking the platter clean," by taking up the last bits of food with bread. The dietitians check each tray as it is returned and will go back to the patient bearing so tiny a leftover as a green pea.

When the "long siege" of a constant diet is over, the patient gets what Miss Iles smilingly describes as a "reward"—the choice of whatever menu he may wish. Habit is such that sometimes the patients will say, "Oh, the same thing will be O.K."

Constant diets in metabolism do have their good points. The dietitians are proud that the patients praise their meals. Since the patients "might as well like what they're going to have to eat for a long time," their favorite foods are included whenever possible. One woman asked for matzoh. And, you guessed it, the most popular meat is steak.

The combined teamwork of the doctors, nurses, and dietitians aids greatly in encouraging patients to remain on a constant diet. The success of such a diet depends on the excellent cooperation of the patient.

Spot Music and Encores

The nice thing about our radio room on P.H.11 is that it's available when visiting talent happens to come to the Hospital. Mrs. Dorothy Saunders, who has given auto-harp concerts in Europe and America, visited her husband on Jan. 23rd when he was a Harkness patient. Her impromptu concert for him attracted other hearers on the floor and gave her the idea of playing for as many patients as she could.

Mrs. Saunders volunteered to broadcast a light-hearted, 15-minute program of Stephen Foster melodies, singing as she accompan-

ied herself on the auto-harp. The broadcast was taped and rebroadcast several times during the succeeding weeks.

Associate Chaplain Named

The Rev. Hugh Hostetler, a fellow of the American Foundation for Religion and Psychiatry, began serving as associate Protestant chaplain on Jan. 10th. He succeeds the Rev. Charles E. Souter who is now serving his own church as full-time pastor.

Chaplain Hostetler was for seven years associated with the East Harlem Protestant Parish and has had clinical pastoral training at Bellevue Hospital. A graduate of Bethel College and Union Theological Seminary, he was ordained to the ministry in the Mennonite Church.

Medical Center Doctors on TV

The Medical Center made another TV bow on February 7, as Dr. Conrad Riley and Dr. William S. Langford of the Pediatric Service, Dr. Alfred Freedman, formerly of that service, and Miss Marjorie Eustis, formerly of the Social Service department, appeared on Dave Garoway's "Today" show. The program dealt with Familial Dysautonomia, a condition first described in 1949 at the Babies Hospital by Dr. Riley, Dr. David McL. Greely, Dr. Richard L. Day, and Dr. Langford.

Four members of Presbyterian Hospital Social Service are marriage minded. Shirley Green, of the Ear, Nose and Throat Division, became Mrs. Justus N. Libowitz on Jan. 28th. Virginia Carvell, a supervisor of the Medical Division, will be married to Harold Honig on Feb. 19th. Charlotte Schpoont, of Surgical Social Service, and M. David Rodetsky set the date for March 24th. Evelyn Ayash, who is with Eye Division, is engaged to Bob Roll of Cambridge, Mass. They plan to wed this year.

June weddings are planned by Dr. Richard Rifkind, intern on Medical Service, and Carole Lewis of Barnard College; by Katherine E. Roulston, staff nurse in Vanderbilt Clinic, and Robert Francis Williams, law student; by Janet Quaintance, nurse on Neurological Institute 9 west, and Charles I. Thompson. Ann E. Ambler, assistant head nurse on NI 4 west, and Dr. John W. Semmel, of Schenectady, will marry in the spring.

Kathryn Phillips, senior nursing student, became engaged recently to Robert William Babb, who is studying at Drexel Institute of Technology.

Proud parents we know of are:

Albert Alfaro, nurse on PH 14 west. He and Mrs. Alfaro welcomed their second daughter on Jan. 18th in Sloane Hospital. They named her Gladdys.

Fred Bornhardt, painter in Maintenance, and his wife are parents of Arthur Emil, who was born on Jan. 15th.

Special Officer Patrick Ryan of Protective and Mrs. Ryan have named their new son John Patrick. He was born on Jan. 7th.

Just as we were going to press our scribe was informed of the arrival of a son to Drs. Ben and Marilyn Kritchman, at 2:30 a.m., Feb. 1st. Dr. Marilyn Kritchman is an anesthesiologist on our staff, and the proud father is a pediatrician having his own practice.

Mrs. Claire Wheat, associate director of Social Service, is helping

plan the program of the medical section of the National Conference of Social Workers, which will meet in May in St. Louis. Mrs. Wheat is a member of the Program Committee for the Conference of the Medical Social Work Section of the National Association of Social Workers.

There's more news from Social Service . . . departures this time.

Akiko Iwama, a social worker in the Surgical Service for the past year and a half, embarked for her native Japan on Feb. 10th, where she will work in a hospital for handicapped children. Miss Iwama came to this country under the auspices of the Presbyterian Board of Missions to learn modern social work methods. After obtaining her master's degree at the Iowa University School of Social Work, she came here to gain experience in social work in a large medical center. Thus far there are few trained medical social workers in Japan and Miss Iwama will help train others.

Dorothy Wohlstetter, of Babies Hospital Social Service Division, will become a social worker on a special study in the Rehabilitation Division of Bellevue Hospital. She assisted parents of premature infants here.

Spring is approaching and the first robin tells us that three hyacinths on the terrace at Mary Harkness Convalescent Home are up several inches.

The flowers almost overshadow news about the new station wagon used to transport patients to Mary Harkness. Among the first riders were Dan Maloney, who retired last year after being head porter in Babies Hospital, and Mrs. Suzanne Hahspieler of P.H. cafeteria. Both are convalescing.

Comment Corner

"This past January 22nd my wife gave birth to a boy at your hospital.

"I would like to take this opportunity to comment on the treatment received by my wife and me. It is impossible to single out any one person connected with the case as each was perfect. Everyone that either my wife or I associated with was wonderful. The treatments by her doctors were superb. The assisting doctors and nurses were above reproach. The nurses aides, nurses in the nursery, admitting clerk, and even nurses not associated with the case, were all kind and helpful. With the risk of sounding monotonous, I should like to say that the proficiency of your staff leaves little to be desired.

"I know that I speak for my wife as well when I say that you have instilled in us a confidence and respect that could not be matched anywhere.

"You are all truly a credit to your profession."



Dietitian Mary Iles Examines Gleaming New Stainless Steel Kitchen in Metabolism Unit.

1955 Results

Our total operating expenses in 1955 of \$17,510,000 exceeded the amount received from patients and for various services by almost \$3,800,000. Contributions from friends and endowment income cut this operating loss to a deficit of \$165,000.

The story for the 10 year post-war period since 1945 shows that the patient load of the Hospital has increased significantly. The 36,700 patients admitted to the Hospital during 1955 represented an increase of more than 9,000 as compared to ten years ago. Ambulatory patient visits to our clinic and to our doctors' private offices, totaling 590,000 for 1955, are 100,000 more than in 1945.

As a result of this increase in patient care, plus the shortening of the work week from 48 hours to 40 hours and the return of personnel from military service, the Hospital's personnel has increased 43%. This increase combined with the inflationary spiral of the last 10 years has more than doubled our annual operating expenses.

A summary follows for 1955 when Presbyterian Hospital

provided	453,600	days of hospital care
for	36,700	in-patients
and clinic care for	54,600	out-patients
who made	415,100	clinic visits
This cost	\$10,425,000	for salaries
and	\$7,085,000	for supplies services and depreciation

totaling **\$17,510,000**

We received	\$12,265,000	from patients
and	\$3,711,000	from endowment income & gifts

\$1,369,000 from other services

totaling **\$17,345,000**

The difference	\$165,000	must be made up from General Funds
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In Memoriam

At 82, Axel Hanson was not only the oldest member of the faculty of the post-graduate orthodontic division at the dental school but also, since 1948, he had been instructor in dental technique although he held neither a dental nor a teaching degree. When the Medical Center opened in 1928 he was named a dental technician. He had previously taught mathematics at the University of Minnesota and Dunwoody Institute and had done research work at Deaner Institute dental school in Missouri. Mr. Hanson died on Jan. 16th following a brief illness.

Annual Tea Honors P. H. Volunteers

Presbyterian Hospital, on Jan. 25th, honored the 760 volunteers who served the Hospital during 1955 at a tea in Maxwell Hall. The 52 men and 708 women were the largest group to have aided the Hospital in one year. They gave the Hospital 80,475 hours of service.

President Charles P. Cooper thanked the volunteers for their efforts. He pointed out that the 1955 hours of service totaled nearly two and one-half times the hours given in 1950.

Six women and one man were honored for the more than 1,000 hours of service each gave during 1955.



Dr. George A. Perera's good advice for volunteers (and everybody): "Sometimes the Medical Center seems so vast, individuals feel as though they're getting lost in the crowd. So when you meet a doctor, smile and say 'hello.' He'll be glad to answer you!"

Honor Volunteers in 1955

Volunteers Who Gave 1,000 or More Hours

	No. of Hours
Mrs. Dorothy Paschal	2296
Mrs. Olga Zarganis	1903
Miss Maud Musgrave	1562
Mrs. Marion Ware	1259
Mr. Morris Feld	1234
Mrs. Deborah Epstein	1041
Mrs. Elizabeth Morton	1027

Volunteers With Five or More Years of Continuous Service

	Years
Mrs. Ethel Herrmann	13
Mrs. Stella Brown	12
Miss Eva Woythaler	12
Mrs. Sue Raices	11
Mrs. George A. Perera	10
Mrs. Mildred Schwarzbarth	9
Mrs. Adelaide Andino	8
Mrs. Bella Bertheim	8
Mrs. Elizabeth Shattuck	8
Mrs. Mildred Webber	8
Mrs. Theresa Weil	8
Mrs. Bess Goodman	7
Mrs. Doris Kelley	7
Mrs. Bertha Rosenberg	7
Mrs. Marion Ware	7
Mrs. Louis Connick	6
Mrs. Catherine Cowles	6
Mrs. Sydney L. Fibel	6
Mrs. Emily Harris	6
Mrs. Deborah Epstein	5
Mrs. Charles Flood	5
Mrs. Elsa Ferber	5
Mrs. Phoebe Harris	5
Miss Madeleine Kavanagh	5
Miss Maud Musgrave	5
Mrs. William Leicester Van Leer, Sr.	5
Mrs. Jennie Styles	5
Mrs. Lillian Voynow	5
Mrs. Olga Zarganis	5

Twenty-nine women who have been volunteers for five to 13 continuous years were commended by Alvin J. Binkert, vice-president and general manager, and 148 volunteers received pins for 100 hours of service given in 1955.

An address, "New Developments in Hypertension," was given by Dr. George A. Perera of Medical Service.

Presbyterian Hospital Volunteer Pins

Awarded to One Hundred Forty-Eight Volunteers Who Gave 100 or More Hours in 1955

Agathe Agraftotis (Mrs.)	Alexander Levey
Barbara Anapoell	Jeanne Lopez (Mrs.)
Hannah Baer	Dorothy McCarthy
Florence Baron (Mrs.)	Blanche McDonald (Mrs.)
Goddard Bauer (Mrs.)	Mary Nims McDonald
Dorothy Beneri	Terence Maguire
Elsie Bergmann (Mrs.)	Judith Marcuse
Harriette Berman (Mrs.)	Carl Margolis
Mary Bickford	Chloe Mason
Sonia Biel	Estelle Mendelsohn (Mrs.)
Sarah Bielsky (Mrs.)	Betty Merkwitz (Mrs.)
Catherine Byrne	Gertrude Merrill
Frances Carey (Mrs.)	Jane Miller
Eileen Carson	Juanita Mirayes
Maria Charlin (Mrs.)	Robert Mohai
Yousteni Christopher (Mrs.)	Desa Mohorovic (Mrs.)
Rose Coco (Mrs.)	Gerald Mondschtein
Lucy Cohen (Mrs.)	Andrew Monjan
Sophie Cohen (Mrs.)	Geraldine Moore (Mrs.)
Cheryl Cole	Emelia Senya Moresse
Lynn Cole	Elizabeth Morton (Mrs.)
Ann Corrado	Elizabeth Moza
Frieda Dangleit (Mrs.)	Gertrude Myerson (Mrs.)
Lynne Dickinson	Catherine Nebolsine
Josephine Drago	Edgar Neiss
Denise Dreher	William Nelan
Theodore Evangelides	Julia Nicholas (Mrs.)
Margaret Farkas (Mrs.)	Grant Nicolson
Mildred Farley (Mrs.)	Ann Nussbaum
Myra Feder	Julia Ould
Sondra Feinstein	Marley Patteson
Miriam Feldstein (Mrs.)	Jacqueline Peltier
Theresa Fesselmeier	Vincent Pena
Ruth Fidel	Edith Pfeiffer
Kay Herta Fisher (Mrs.)	Ralph Pitcher (Mrs.)
Flora Ford (Mrs.)	Louise Lang Phillips (Dr.)
Ira Fried	Barbara Polack
Alice Gamby (Mrs.)	Calliope Psonis (Mrs.)
Adela Gigante (Mrs.)	Shirley Regendahl
Jeannette Gill	Roslyn Richter (Mrs.)
Jean Gilmore	Audrey Robins
Anna Ginsburg (Mrs.)	Florence Rosaler (Mrs.)
Margaret Gold	Stanley Rosen
Renee Goldberg	Jean Ross
Jean Goodman	Jean Rothstein
Mary Graef (Mrs.)	Renee Sacks
Judith Grass	Billie Salter
Elizabeth Griswold (Mrs.)	Eva San Andres
Janet Grossman (Mrs.)	Estrella Sanchez
Lidia Guerrero	Dorothy Santulli (Mrs.)
Carol Guion	Mary Ann Schiffer
Antoine Hadamard	Vanda Schloss (Mrs.)
Diamantine Helms (Mrs.)	Marthe Schoffeniels (Mrs.)
George Herrel	Debby Schwartz
Mary Hinnigan (Mrs.)	Muriel Seabe (Mrs.)
Celia Hoppenfeld (Mrs.)	Alice Seidner (Mrs.)
Annette Horwitz	Thea Simon
Carlys Hudgins (Mrs.)	Jutta Sordon
Katherine Hull	Margot Stern
Patricia Hurlbaugh (Mrs.)	Ruth Sternschein
Helen Inoue (Mrs.)	Catherine Stone
Valerie Jensen	Eleanor Stone (Mrs.)
Margie Kahn	Simone Stumpf
Ruth Kardish	Dorothy Svenson
Carol Kaufman (Mrs.)	Arlette Thode (Mrs.)
Helen Kim	Elizabeth Thomas (Mrs.)
Carla King (Mrs.)	Samuel Tobias
Marilyn King	William Van Dorn
Lilly Knurr (Mrs.)	Zinovia Varvanyias (Mrs.)
Robert Kohorn	Georgia Viscuso (Mrs.)
Doris Kreuter	Patricia Wainwright
Evelyn Lauer	Ann Walker
Doris Leiter	Susan Whealdon
Elizabeth Leonard	Rosalie Wohl

Retirements

"I'm going to take it easy now that I have the chance," says *James Campbell* of Maintenance as he contemplates the idea of moving to Florida.

With the Hospital as a machinist for 11 years, Jim's repaired "every" type of equipment on wheels from cribs and beds to operating room tables." Jim says "the nicest thing about working here is that everything has been 40 years all the time." Married for 40 years, Jim and his wife now live in Dumont, New Jersey.

Camille Gaute, a physical therapist with Harkness Pavilion for the past 3½ years, also retired on Feb. 1st. Mrs. Gaute said she was looking forward to pursuing her literary interests in some of her spare time.

In addition, there have been four more retirements since Jan. 1st, including the following three from Food Service: *Mrs. Anna A. Fox* is now living with her son in Massapequa; *Catherine M. Kelly*, who came to us with Orthopaedic Hospital when they joined the Center, has not disclosed any future plans she may have; *Estella Young* is planning to visit her family in the British West Indies. The future plans of *Mrs. Nettie Curran*, who was head information clerk of the admitting desk in Babies Hospital, are undetermined.

Arts and Crafts Exhibit

(Continued from Page 1)

print to a mount. The page must be at least 8 x 10 inches, but larger prints are preferred.

8. Paintings and sketches should be securely framed or mounted. Everything framed must be securely wired, ready for hanging.

Labeling

9. Each entry must be tagged with a slip giving the following information: title of the work; medium; category in which the item is entered; name of the artist; artist's Hospital or College title, department and telephone extension. A blank on which to fill out this information will be provided along with the entry blanks.

Entering your Exhibit

10. To give sufficient time for cataloguing and hanging the exhibit, all entries must be brought to Public Interest Department, room 30, P. H. fourth floor on or before Tuesday, April 3. No entries will be accepted after this date.

11. If you have questions about the exhibition or your entries, please contact one of the committee members (announced in December issue of "Stethoscope") or call Patricia Connally of Public Interest Department, extensions 7781, 7064 or 7076.

Welcome Back, Dorothy Kurtz

"Stethoscope" extends a cordial "welcome home" to Dorothy L. Kurtz, chief record librarian of the Hospital, who returned recently after a three-month leave of absence. During this time Miss Kurtz journeyed to Iran, where she set up the records system of the new Nemazee Hospital in Shiraz.

Freud Papers Exhibited in Psychiatric Institute

New York State Psychiatric Institute, which is one of the hospitals at the Medical Center, owns the only complete collection of original editions of Sigmund Freud's works. In this collection of about 1,200 volumes from the noted psychoanalyst's library are early editions on hypnotism, mesmerism and dreams. Many are annotated in Freud's handwriting or bear his special stamp.

To mark the 100th anniversary of Freud's birth, the Institute is holding an exhibition of the contents of its Freud collection. The exhibits include Dr. Freud's first paper, published in 1877 when he was a medical student; his notes to other psychoanalysts to whom he referred patients; and photographs which show Dr. Freud with other notables such as Dr. A. A. Brill, the American psychoanalyst, and William James, the philosopher.

The exhibition opened Jan. 14th with a tea at which Drs. Abram Kardiner, Sandor Rado, Paul Hoch, commissioner of the N. Y. State Department of Mental Hygiene, Jacob Shtatzky, and Lawrence C. Kolb, director of Psychiatric Institute, were speakers. Also attending were more than 100 psychoanalysts and members of Freud's family—his son Oliver; daughter-in-law Dr. Esti Freud, a vocational psychologist; nephews Edward Bernays and Dr. Harry Freud.

Until Feb. 17th, the exhibition will be on view in Psychiatric Institute from 9 a.m. to 5 p.m. and from 7 to 9 p.m. on weekdays. Afterwards, the exhibition will go on tour under the auspices of the New York Psychoanalytic Association.

The Freud collection was obtained in 1939 on what could be described as a \$500 gamble. That was the sum paid by Psychiatric Institute for the collection of an unnamed "psychiatric explorer" advertised in the catalogue of a Viennese dealer in 1939. Dr. Shtatzky, librarian of Psychiatric Institute since 1930, had a hunch it was



Freud Exhibit in Psychiatric's Library.

Doctors' Doings

Blackwell award, polio grant given Dr. Hattie Alexander

"For her achievement in the study and treatment of meningitis," Dr. *Hattie E. Alexander*, of Pediatric Service, was one of four women physicians accorded the 1956 annual Elizabeth Blackwell award. This is given by the New York Infirmary in honor of the nation's first woman doctor, who founded the Infirmary in 1853.

Dr. Alexander's work on transforming H. influenzae and meningococci is well known. She is exploring the applicability of these findings on bacterial transformation to a study of the common characteristics found in the three types of polio viruses. For this work she received a new grant last month from the National Foundation for Infantile Paralysis, which has helped support her studies since 1952.

Speaker at the Blackwell award presentation on Jan. 22nd was Dr. *Edith H. Quimby* of Radiology. She discussed the history of cancer and development of modern treatment methods.

Elected

Dr. *Clarence C. Hare*, attending neurologist who has been secretary-treasurer of the Association for Research in Nervous and Mental Diseases for 25 years, was elected chairman of the board of trustees of that organization. As chairman, he succeeds Dr. *H. Houston Merritt*, director of Neurological Service.

Dr. *Rollo J. Masselink* of Neurology was elected to succeed Dr. *Hare*. Dr. *Lawrence C. Kolb*, director of Psychiatric Service, is the association's new assistant secretary-treasurer.

Dr. *Robert C. Darling*, director of Physical Medicine and Rehabili-

tation Service, became a member of the board of directors of the New York Tuberculosis and Health Association on Jan. 25th. Dr. Darling is also director of the medical board of our affiliate, the Institute for the Crippled and Disabled, and a consultant in his specialty to the Manhattan Veterans' Administration Hospital.

The Association of University Anesthetists elected Dr. *B. Raymond Fink*, of Anesthesiology Service, to membership at its meeting in Minnesota. Also attending the meeting were Dr. *Emanuel M. Papper*, director of service, and Drs. *Virginia Apgar*, *Duncan A. Holaday*, *Lester C. Mark*, and *M. Jack Frumin*.

The first meeting in New York of the Advisory Committee on Biology and Medicine of the U.S. Atomic Energy Commission was held on Jan. 14th at the Medical Center. The program here included a tour through our Radiological Research Laboratory and reports about its activities. The following members of the Laboratory staff presented summaries of the work: Dr. *Gioacchino Failla*, Dr. *Edith H. Quimby*, Dr. *H. H. Rossi*, Dr. *Roberts Rugh*, Mr. *William Gross*, Mr. *Bruce Allen*, Dr. *Ruth F. Hill*. Dr. Failla is chairman of the committee. The AEC provides funds for a large part of the work of the laboratory.

Buffalo, New York, is the place where a former P.H. intern and fellow in medicine is making news. As the first Harry M. Dent professor of clinical research in cardiovascular disease, Dr. *David G. Greene* is the third in his family to hold a professorship in the University of Buffalo School of Medicine. He is also on the research staff of Buffalo General Hospital.

Orthopaedic Celebrates Three Anniversaries

This is an anniversary-filled year for New York Orthopaedic Dispensary and Hospital. Ten years ago Orthopaedic merged with Presbyterian Hospital. And it's five years since the snowy morning when the last 34 patients were brought by ambulance from Orthopaedic's building at 420 East 59th Street to newly-constructed fifth floors of Presbyterian and Babies Hospitals.

Orthopaedic also celebrates its 90th birthday since its founding by Theodore Roosevelt (father of the 26th U.S. president), Howard Potter, James Brown and John L. Aspinwall. The Roosevelt family was instrumental in starting the dispensary of Orthopaedic Hospital after Anna Roosevelt, sister of "Teddy," was cured of a spinal ailment by use of their new orthopedic appliances.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME 11, No. 3

MARCH, 1956

We salute County Medical Society on its sesqui-centennial year

The 150th anniversary of the founding of the Medical Society of the County of New York, which is being celebrated this year, not only commemorates a starting point in local medical history, but is of very special interest to the Medical Center.

The 1956 president, Dr. Gerald D. Dorman, graduated from P&S in 1929 and the current treasurer, Dr. George W. Fish, is on our urological staff.

Of the 116 men who have been presidents of the County Society, 71 were connected with Presbyterian Hospital and/or the College of Physicians and Surgeons, and 48 were P&S graduates.

Dr. Nicholas Romayne, the society's first president, also was the first president of the College of Physicians and Surgeons which was founded by the Society in 1807. Other P&S men who have served as Society presidents were Drs. Thomas Cock and Edward Delafield, both presidents of P&S, fourteen P&S trustees and 20 members of the faculty.

From Presbyterian, Dr. J. Bentley Squier, our first director of Urological Service, was president of the County Society in 1917. Two of the society's presidents, Dr. Howard C. Taylor Sr. and Dr. Eugene H. Pool, were the fathers of men who are currently directors of services in Presbyterian.

Other PH men who led the County Society were Dr. Maximilian A. Ramirez, (Society president in 1942) consultant in Neurology; Dr. W. P. Anderton, (1940), now on leave of absence from Medical Service; Dr. Charles G. Kerley, (1912), a consultant to Babies Hospital; and Dr. David Webster, (1882), chief of eye clinic.

In the words of its first president, the County Society organized "... to promote in this city the honor and usefulness of the medical profession, and by a liberal intercourse with each other ... increase our knowledge and become more useful to the public."

The Society organized on April 4th, 1808 when the state governor and city officials met with 102 physicians and surgeons on the steps of City Hall to celebrate passage of a state law "incorporating medical societies for the purpose of regulating the practice of physic and surgery."

That scene will be re-enacted in the same spot this April 3rd when Mayor Robert F. Wagner will meet with 102 physicians. Other high-lights planned are a dinner, April 5th, when the society will rededicate itself to "public service and the



A replica of the sesqui-centennial seal

ideals of humanitarianism for which physicians stand" and special programs to be presented at hospitals throughout the city.

The Medical Center will be the site of one of these special programs. Meanwhile, the Hospital's Medical Board has sent the County Society a congratulatory message on its sesqui-centennial year.

Hospital teams collect \$199,942 for UHF drive

Presbyterian Hospital, like the other 81 member hospitals of the United Hospital Fund, will receive a share in the more than \$2,700,000 raised in the just-finished UHF drive. An aliquot of the total amount collected in the UHF drive is apportioned among the member hospitals, primarily in proportion to the free care furnished in the wards and clinics.

Teams working on the drive were made up of 194 persons who represented the Hospital's board of trustees, women's auxiliaries and professional staff. They obtained 2,533 contributions amounting to \$199,942 toward the drive.

Each participating hospital has a direct benefit quota. Contributions above this quota go directly to the hospital which raised that money. Thus Presbyterian Hospital is to receive about \$37,000 in addition to the free care amount it will receive when the drive proceeds are allocated.

Anonymous gift helps Greek 'premies,' nurses

A woman's own sorrow has led her to provide for the training and equipment that will give premature babies in her native Greece a greater chance for survival.

The story began in Babies Hospital some months ago when the woman's premature child was unable to survive. Yet, she was impressed with the isolettes used to give premature babies the ideal air, humidity and temperature in which to grow stronger. She had three of these modern incubators sent as an anonymous gift to Greek hospitals.

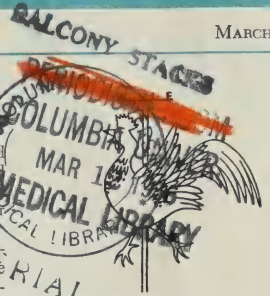
Then she brought three Greek nurses to the Medical Center for two months of study in the use of isolettes and in American techniques of caring for premature and newborn infants and of obstetrical patients.

One of the three is Afrodite Vardaki, director of nursing for the past 10 years of the Public Obstetrical Hospital of the City of Salonika, an institution which provides free care for women in a 100-mile area around Greece's second largest city. The others are Calipi Efthymiou and Vassiliki Lamprinoupolou, head nurses in Athens Hospital, the newest and most modern in Greece.

Both hospitals will receive isolettes and Miss Vardaki and Miss Efthymiou will train other nurses to use the new, life-saving equipment. Miss Lamprinoupolou will go to the hospital of Piraeus with the third isolette.

Meanwhile, the three Greek nurses find that their stay at the

(continued on page three)



The 25-Year Club's mascot

'Old Timer' will crow March 22nd for annual 25-Year Club dinner

Presbyterian Hospital's gayest night of the year is traditionally the 25-Year Club's annual dinner in Bard Hall. This year 425 club members are expected to meet under their mascot, the weather vane rooster "Old-Timer" who graced the top of the Hospital's original building on 70th Street.

Busy making plans for the March 22nd evening when the club will welcome 25 new members are committees appointed by the club's president, Dr. Yale Kneeland Jr. of Medical Service. Chairmen are:

Dr. Charles A. Flood of Medical Service and Doris Ballard of doctors' private offices—reception committee. Dr. Frederick R. Bailey of Medical Service—nominations committee. Ruth Griffiths of Vanderbilt Clinic—arrangements committee. Cecile Covell, assistant director of nursing for Neurological Institute—entertainment committee.

Anne Grosso, head of the pharmacy—publicity committee.

Dr. Kneeland conducted a final preparations meeting on Feb. 27th.



Three Greek nurses take their first look at an isolette for premature infants

Published Monthly by

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Room 31, P.H. fourth floor, telephone extensions 7076, 7064

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In Memoriam



Dr. Arnold H. Knapp

Dr. Arnold H. Knapp, consultant in ophthalmology and professor emeritus, died Feb. 29th at 86 years. Recipient of the Medical Center's distinguished service award in 1953, Dr. Knapp was given an honorary doctor of science degree by Columbia in 1932 and the Leslie Dana Gold Medal by the National Society for the Prevention of Blindness in 1941.

A leader in ophthalmology, Dr. Knapp was executive director of the Herman Knapp Memorial Eye Hospital, until it merged with the Institute of Ophthalmology in 1940. He was chief editor of the "Archives of Ophthalmology" for 42 years and a past president of the American Ophthalmological Society.

Dr. Knapp was instrumental in forming the Knapp Memorial Foundation for the advancement of post graduate teaching, study and research in ophthalmology.

Among those surviving him is Dr. Philip Knapp, of our Ophthalmological Service.

We extend deep sympathies to the family of Sheila Long, 20, who died suddenly on Feb. 29th. She had studied in the School of Nursing and was the daughter of Augustus C. Long, a trustee of the Hospital.

Joseph "Bob" Lambert, who retired in 1952, died at the age of 70 on Feb. 14th. He started working here in December 1926 as a porter in the Pharmacy and later worked as a receiving clerk in Neurological Institute. He was a member of the 25-Year Club.

Dr. Walter Timme, a specialist in endocrinology who was associated with Medical Center and its antecedent units for 40 years, died in Florida on Feb. 12th, 12 days before his 82nd birthday.

A consultant to the Hospital for more than 15 years, Dr. Timme was director of the neuro-endocrine department of Neurological Institute from 1918 to 1937 and also professor of clinical neurology at the College of Physicians and Surgeons. He joined the Neurological Institute staff in 1910, becoming senior attending physician there in 1918.

Dr. Timme was on the Vanderbilt Clinic staff in 1898 to 1901 and was chief neurologist from 1914 to 1916.

"Timme's syndrome" was named for him since he was the first to describe a pluriglandular disease of the glandular system. Dr. Timme's book, "Lectures on Endocrinology," was based on his research in the physiology and pathology of the endocrine system.

Mae Henry, the first nurses aide hired for Sloane Hospital at the Medical Center, died on Feb. 12th following her third heart attack. She loved children and was so happy about her work in the Sloane nursery that co-workers cannot recall her being absent once from 1928 until her first heart attack in 1948. She returned to the Hospital's employ after she had recuperated and worked part-time with the clinical pathology laboratories in Vanderbilt Clinic, Harkness Pavilion and Babies Hospital. Her responsibilities there included keeping the laboratories in order and well supplied. Those who worked with her add that she also generously supplied them with good humor and friendly outlook. Proud of her work in the Hospital, she became a member of the 25-Year Club in 1953.

Doctors' Doings

Dr. William B. Sherman of Medical Service was installed as president-elect of the American Academy of Allergy at its convention Feb. 5-8 in St. Louis, Mo. Dr. Sherman is director of our allergy clinic.

Dr. Alvan L. Barach, speaking before the American Geriatrics Society, urged older people to keep on the move, asserting that conservation of energy in older people leads to atrophy in the muscular system and in glandular and psychological functions.

Reporting that studies showed prednisone made possible an increased amount of exertion in more than 100 patients with pulmonary emphysema, Dr. Barach commented that patients often waste away on a chair-to-bed routine.

Dr. Yale Kneeland Jr., of Medical Service, discussed infectious diseases in older persons at the New York Academy of Medicine's annual graduate fortnight. Pneumonia, the most common respiratory ill found in the elderly, is the most serious problem, and may be complicated by cardiovascular disturbances, unrecognized diabetes, and kidney and bowel malfunctions. Meningitis and tuberculosis also beset the aged, Dr. Kneeland said.

Since Mayor Wagner has named March "Childhood Nephrosis Month," we thought it would be interesting to check on what is being done in our own nephrosis clinic and research studies. Dr. Conrad M. Riley and Dr. Ruth Alice Davis, pediatricians, tell us that the clinic has been active for close to 10 years. Therapy since 1949 has included administration of various steroids such as ACTH and cortisone and related hormones used in various ways.

The laboratory program has included studying the nephrotic syndrome in animals with Dr. Beatrice Seegal, microbiologist, and Dr. Davis working with rats and Dr. Frederic Agate, of Anatomy, with hamsters.

The accomplishments: patients are kept freer from the tissue swellings which characterize nephrosis; they are able to be kept more comfortable than previously; they now have a longer life expectancy.

Chlorpactin-90, a chlorine derivative, was reported helpful in treating stubborn cases of tuberculous ulcers of the bladder, in a report by Drs. John K. Lattimer and Anthony L. Spirito in the Journal of Urology. They found that ulcers which resisted streptomycin and isoniazid improved after the bladder was irrigated with chlorpactin-90.

One of the 18 prominent New Yorkers advising students at Amherst College's annual career conferences was Dr. Calvin H. Plimpton of Medical Service. He is an alumnus of Amherst.

Nursing's in-service

Learning is a never-ending process and, in a hospital such as Presbyterian, the constant application of new developments in the medical sciences means that everyone connected with patient care must continually work at keeping up-to-date.

Nursing Service's expanding service program, for nurses, attendants, aims at providing opportunities for individual development in the field as well as improving our high standard of patient care.

Our graduate general duty number about 475 of whom 21 percent are graduates of our School of Nursing. They represent 22 nations and 190 schools of nursing.

Yet, each nurse must do her part in accordance with the Hospital's high standards of patient care.

The in-service program includes discussion of new medical developments, nursing care of special patients, and an insight into activities and problems of Hospital services and departments with which Nursing Service has contact.



Eugene Cleary of Buildings & Grounds

A letter from Mamie

(Stethoscope told the story of Jean Tutunjian's efforts to help fund drive for nephrosis research. Twelve-year-old Jean, a former Babies Hospital patient, received the following reply to her letter to President Eisenhower's wife:)

"Dear Jean,
"What a brave and cheerful little girl you are. I was delighted to know you through your sweet letter and I am so happy that new medicine is helping you.

"I, too, feel that medical science will soon be able to conquer nephrosis. The National Nephrosis Foundation is working very hard to that end and I am grateful to be able to help by serving as chairman of honorary national sponsors of foundation.

"With warm good wishes to you,
Mamie Doud Eisenhower

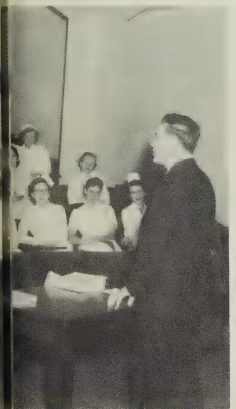
Program aims at self-development

Monthly meetings for all nurses feature such topics as "Problem-solving Through Group Discussion," "Nursing and the Lab," "Talk it Over" and "Trends in Pharmacology." So is the nurses' interest in the fact that it is not unusual for duty nurses to attend or for day and night nurses to make an effort of coming in at mid-

night. Nurses also have had meetings on subjects ranging from shock therapy to special procedures for orthopedic patients. The graduate nurses, this group is future topics in which they are interested.

Live meetings are included in the four-week program for nurses and male attendants, who believe in coeducational instead of separate classes some months ago. A place in the nursing team at patient care is stressed. They are also taught procedures so they may give limited care to some patients.

Continuation classes are presented to newcomers in all divisions of



discuss inter-service cooperation

Using text in 7th edition

Spinnott's Quick Reference Book of Nurses, a text by members of the Medical Center nursing staff, published in its seventh revised edition recently.

The new edition was prepared under the direction of Eleanor Lee, director of nursing, and included an honor panel of Mary S. Allanach, Elizabeth S. Gill, Helen F. Pettit, Dorothy E. Reilly, all of Nursing Department, and Nelda Ross, the Hospital's chief dietitian.

In the preface, Miss Lee noted the assistance given the new edition by Jane Andrews, dietitian, and Arthur B. Voorhees of Surgical Service.

The first edition was published in 1940 under the editorship of Helen E. King, director of nursing emeritus, and Margaret Eliot, who recently served as director of nursing.

Nursing Service. These cover the Hospital's history and aims, techniques used here in drug administration and oxygen therapy, and include a tour of the Hospital and an introduction to our standard procedures and forms. Each unit follows up this orientation by classes and on-the-job instruction, teaching the needs of that particular clinical service.

Nursing Service has extended its educational offerings beyond job training. This Spring, Nursing Service arranged for the School of General Studies of Columbia University to give a course two evenings a week at the Medical Center. The course, "Survey of English Literature," carries full college credit.

Surgeons here study use of artificial heart-lung device for corrective, open-heart operations

For several months, Medical Center surgeons have been conducting experiments which will permit them to perform operations on the open heart by means of a pump oxygenation machine which substitutes for the heart and lungs during an operation on the heart. This apparatus will substantially increase the number of congenital malformations of the heart which can be operated on and will permit exact anatomical correction.

Until recently, certain operations on the open heart have been greatly restricted by two facts difficult to reconcile—that it is necessary to maintain adequate circulation to the brain in order to prevent damage to the nervous system; and, that surgery in the inner heart structure is difficult and uncertain if performed while circulation continues. Several "artificial" heart-lung machines have been developed in the past but were not put to general clinical use because of their unreliability or great cost.

The machine under study in our experimental surgical laboratory was developed last year at the University of Minnesota Medical School and has been used there on more than 50 patients. It consists of a double pump and a special arrangement of plastic tubing by means of which oxygenation is achieved outside the body and circulation is maintained. Thus, during the operation the lungs may remain collapsed and the heart emptied of blood without interruption of circulation.

Through the use of plastic tubing, heparin and a silicone compound, two major problems have been overcome—formation of blood clots and foaming which occurs when blood is mixed with bubbling oxygen. Tygon or Mayon, the plastic materials from which the tubes are made, repel blood so that it does not stick to the sides of the tubes and form clots. The chemical silicone, added to certain segments



Lillian Oring, R.N., teaches coed "in-service" class of aides and attendants

of the plastic tubing, prevents foaming.

While the staff of our surgical laboratories under the direction of Dr. Ralph A. Deterling Jr. has made some changes in the apparatus' circuit system, the main purpose has been to study the physiological changes occurring during perfusion and to learn to operate the machine properly before it is used here on human cases.

Operations on animals have been performed in the surgical laboratory as a part of this testing period. An operating room team, which includes two surgeons, operating room nurse, and anesthesiologist, has thus developed a routine method for rapid and simple use of the heart-lung apparatus.

The team working with Dr. Deterling has included Dr. Shivaji Bhonslay, Daisy Mapes, R.N. who is regularly assigned to the surgical laboratories; Dr. Erwin Simandl of Vienna, Dr. Felix Bacigolupo of Chile and Dr. Julian Coulton, a recent medical school graduate, and by Dr. Duncan Holaday of Anesthesiology and his associates.

Greek Nurses

(continued from page one)

Medical Center is introducing them to many new ways to care for normal newborn infants as well as teaching them about isolettes and specialized care of premature babies.

Although Greek hospitals have many facilities similar to those in use here, the three nurses admired our equipment, especially such things as the piped oxygen system available at the bedside of each patient, and were pleased to see "plenty of linen for the patients and instruments for the nurses to use."

Miss Efthymiou pointed out that their hospital in Athens has installed a recovery room for the care of post-operative patients.

Accidental meeting

The Grecian fates were watching over the Hospital on Feb. 2nd. How else can one explain the extraordinary coincidence that brought together all the Greek nurses who have studied here in recent years?

First there was the arrival of three Greek nurses who came here Mrs. Euphrosyne Nides, staff nurse in Harkness Pavilion, met them and was translator.

But chance brought the return of Marietta Papasaphiropoulou Vafea, a former PH nurse who left here in 1940 to return to her native country. She came to visit friends in nursing after bringing a boy from Greece to receive special care here.

Last was a spur-of-the-moment visitor, Katie Saliari, who had originally come from Greece and studied nursing here with Mrs. Vafea. Recently, Miss Saliari has been a nurse in Massachusetts General Hospital.

Modern units opened on 11 center, 5 west

The peach and green complexion is most pleasing in the new units opened last month on 11 center and 5 west.

The new units feature vocal call systems enabling nurses in control stations to talk directly to bed-patients. Some of the new rooms have sliding doors.

The fifth floor orthopedic unit, which was converted from a 16-bed ward, has four two-bed rooms, one three-bed room and one four-bed room. The latter converted from the solarium, is done in grey and peach.

Ear, nose and throat service, on the eleventh floor, has six two-bed units, each with toilet facilities. Part of the solarium area was retained as a combination day-room for patients and conference area for staff. A complete new bathroom for patients was installed and finished in grey and peach tile. The utility room was modernized with tile finish.

Jim Shriver seeks pearls in retirement oysters

Life is an oyster to James Shriver. In fact, the more oysters, the better. He's retiring from Receiving Department to a full-time job as inventor, antique restorer and collector. His latest invention is an oyster-opener, patented and now being manufactured.

Though Jim loves Presbyterian, he will tell you how he ticked off the days to his retirement on 15 clocks. They're his hobby. Each of his clocks is 75 to 300 years old and Jim wants to get more of them and perhaps hang out his shingle as a repairer and restorer of antique clocks.

When Jim retired on Feb. 17th, he was presented with an engraved wristwatch, the first he'd ever owned, at a surprise party given by co-workers and associates whom he has known during almost 23½ years here. "Remember, this is not a clock to hang on the wall," he was admonished at the presentation.

Jim was deeply appreciative of the party. He had planned to lock the door of Receiving and "leave as though it was just for the weekend." But that wouldn't have ended his stories about Presbyterian. He'll go back to the old days when he left his native Boston to "pursue" the lady who is now Mrs. Shriver. She came to Presbyterian as a nursing student and has been doing private-duty nursing in the past few years.

Or, Jim will reminisce about the winter days when the tennis courts were flooded to provide an ice-skating rink. "We used to go out every noon and figure-skate," he says.

Now Jim plans to do his skating in Massachusetts. He and Mrs. Shriver have bought a 100-year old Cape Cod house in Orleans. There's a large pond on his property which means ice in winter and fish come spring.



To make up for all they've missed, we gave a birthday party with four cakes apiece for two Leap Year babies we've met—Elna Saamenen of Babies and Anna M. O'Neill of Sloane, both born on February 29th.

Stethoscopia

Oops, we forgot. We should have bought a cake and put ten lighted candles on it. We should have made cocktails of printer's ink and correction fluid.

We should have . . . but, we forgot to celebrate. So quietly we mention it—Stethoscopia is 10 years old this year.

Of the 28 reporters who started with the original issue, five are still up there on our masthead. For their 10 years of interest in the Hospital's printed word, we salute Mary Minsky of the Laundry, Yolanda McKnight of Milbank Library, Adelaide Vrooman of Babies Hospital Social Service, Robert Williams of Maintenance and Construction, and Madeline Walsh of Nursing.

Anesthesiology marked its fourth anniversary as a Hospital Service with a party Feb. 21st in Harkness Hall. The occasion also was a "farewell" to Dr. Frederick W. Hehre Jr. who joins the Yale University Medical School staff this month.

Dr. Jane Stark was author of the three-act skit presented by the staff. Actors included Drs. Monica Ale-niewski, Bernard Batt, Robert M. Epstein, Jacques Lambrechts, John S. McCutcheon, John Pegg, Troy Thrower and Jack Vanderwood.

Engaged to marry are Audrey E.

Kirsch, clinical audiologist, to Ira J. Sprung; Barbara Anne Myer, head nurse on PH 11 east, to Lt. Maurice Hunter of the Marine Corps; senior nursing students Louise M. Weild and Jean E. Phillips to respectively, Paul K. Mooring and Robert E. Montroy, both senior med students; and Alice E. Rhinehart, nurse on PH 9 east, to John P. Laddy, senior med student.

Proud parents are Walter Wood-bury, engineering assistant in Build-ings and Grounds, and his wife. Their third child, Joseph Gregory, was born Feb. 7th.

Gerard (Gerry) Walker is wondering how to teach pitching to his new daughter, Mary Grace, who was born on Feb. 26th. Gerry, an ex-Dodger player, is in Purchasing Department.

Maybe walking would have been faster, complains Chaplain Robert B. Reeves, Jr. as he describes his 40-hour return trip from the Association of Protestant Hospital Chaplains meeting in St. Louis, Mo. to New York. A failing engine and weather grounded his scheduled plane on Feb. 10th. Sleepless after waits for the clouds to lift and finally a night train, he reached The Pauline A. Hartford Memorial Chapel on Feb. 12th, just in time to conduct Sunday morning services.

Current & Coming for Medical Center Family

Stamp Club reactivates with a meeting on March 14th at 8 p.m. in Milbank Library. All philatelists at the Medical Center are cordially invited to membership by the club's sponsors, Dr. Virginia Apparg of Anesthesiology and Joseph Kloczek, oxygen therapist.

Easter party for cerebral palsied children will be held on Sunday, March 18th at 2 p.m. in the doctors' dining room. The Cerebral Palsy Parents Club of Vanderbilt Clinic sponsors this annual party for CP children.

To give concert



Mrs. Goff

Herbert Chazky, who plays the organ for services in the Pauline A. Hartford Memorial Chapel, will accompany her on the piano.

given concerts in Rochester. She will present a program of operatic and light classical selections on March 18th over the Hospital's broadcasting system.

The Third Annual Ross Golden Lecture, held in honor of the retired director of our Radiological Service, will be presented at 8 p.m. on March 19th in the New York Academy of Medicine. The New York Roentgen Society co-sponsors the lecture, which this year will feature Dr. W. Edward Chamberlain, of Temple University School of Medicine, on the topic, "Can we afford photo-fluorography?"

Art exhibition . . . closing date for entries is Tuesday, April 3rd. Exhibit items should be brought to Public Interest, PH 4-30, on or before that date. Each item should be completely identified. Any member of the Medical Center's staff or personnel is eligible to show his work under the rules of the exhibition, which is not a contest.

Wide, Wide World Bazaar . . . tour a European sidewalk shop, a rathskeller, a Turkish market place, and the Greenwich Village art show on Thursday, April 12th at 7 p.m. when Maxwell Hall goes international as the Class of 1957 of the School of Nursing presents its annual sale for the benefit of funds for travel, the Columbia Bicentennial and medical research.

Vesper Services are held every Wednesday at 5:15 p.m. in The Pauline A. Hartford Memorial Chapel. On March 21st, The Rev. Robert C. Taylor, D.D., general secretary of the American Bible Society, will speak.

Ladies first may mean elevators last

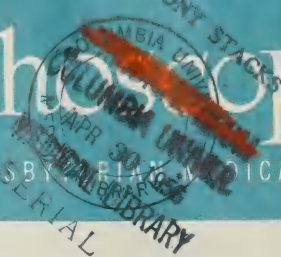


Every woman loves a gentleman. And we're proud as Emily Post that the men at the Medical Center do observe the amenities of gallantry. BUT, when it's an elevator door before which a man steps aside to allow ladies to pass, it means gentility is slowing up our most vital and over-taxed facility. So, many of those concerned with our effectiveness have urged that we sanction a new code of proper conduct for elevator riders—let he (or she) who is there first, enter first.



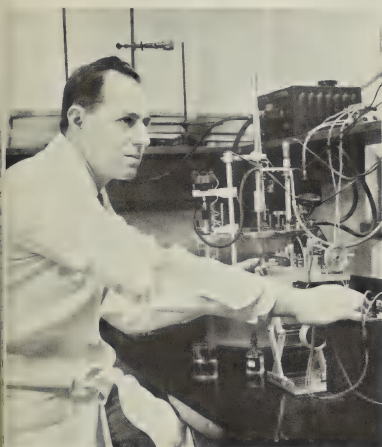
The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER



Volume 11, No. 4

April, 1956



Dr. Irwin B. Wilson in lab where PAM was developed

Research team here develops sure antidote to lethal nerve gases

Development of an antidote to nerve gas which was 100% effective against a 100% lethal dose of gas was reported last month by Dr. Irwin Wilson, assistant professor of biochemistry in the Department of Neurology.

The new compound, called PAM, in tests of white mice reversed the action of deadly phosphorus-containing compounds. This development has great significance to medical researchers in several ways:

1. It represents a major breakthrough in the understanding of the action of enzymes which are vitally important for the understanding of living cells.
2. It is the first instance where an antidote against a toxic agent (an enzyme inhibitor) was designed from a blueprint based upon theoretical studies concerning the interaction of molecular forces. Usually the finding of such a compound is dependent upon discovery through trial and error or on the basis of pharmacological antagonism, i.e. the selection of drugs whose known pharmacological effects are opposite to the symptoms.
3. Availability of a certain antidote may permit treatment of muscular-nerve disorders such as myasthenia gravis and glaucoma with phosphorus compounds whose toxicity has made their use dangerous in general therapy.
4. New interpretations of molecular forces responsible for enzymatic action has helped in learning how such important drugs as procaine, curare, decamethonium and prostigmine work.

Effectiveness of the new compound—2 pyridine aldoxime methiodide—against insecticides was demonstrated in the Medical Center study.

President Cooper emphasizes Medical Center concept in the Hospital's 87th annual report

"The advance of science, while greatly extending the range of medical treatment and the span of human life, has also increased the cost of modern hospital care," President Charles P. Cooper said in releasing the Hospital's 87th annual report.

The widening reach of basic research has brought many new techniques to the service of the individual patient, involving the use of equipment of a capital cost unparalleled in hospital practice of even a decade or so ago. Many new medical and surgical techniques and new research findings are described in detail in the reports of the directors of the various Services in the annual report.

President Cooper stressed the importance of the Medical Center concept in his report. He described the more important events of 1955 and added a statement of the Hospital's financial position, but posed the question: "What do all these add up to? For one thing they total up to the fact that we were able to care for about 100,000 patients during the year. Such a number is so big as to become almost meaningless because of its very size. It is only when the statistics are reduced to one person, say a little girl with brown eyes, that the significance becomes clear."

He described the Hospital's Unit History System, now known as the "longitudinal study of disease," established in conjunction with the Follow-Up Clinic forty years ago for ward patients. "The unit in medicine is the patient, and his record should be the story of his life, regardless of the nature of his illness," he said.

"It is clear," President Cooper said, "that we have ahead of us much history to be written, especially in attacking the chronic diseases, which are responsible for the majority of human suffering and are of the greatest concern to the professional staff of the Medical Center."

President Cooper continued: "The post war years have brought many changes. A whole new era of economic adjustment has opened for hospitals with the growth of health insurance plans but the future progress of medical science will always need substantial voluntary support."

The report includes a number of specific needs, both for medical science and structural development, all of which would contribute to progress. It is fundamental to the progress of the Medical Center that it must continuously renew, replace and readjust its facilities and services. "A great task and a great opportunity await the Medical Center. Our vision needs to be kept on an upward plane, never over-estimating one service or one requirement to the detriment of another; but looking at the whole unified Medical Center approach as one that has amply proved its validity and its need of enlarged support in the years to come. The Medical Center is and must be dynamic, always moving forward, its work of teaching, treating, researching never finished," President Cooper concluded.

While PAM's discovery is the outgrowth of the need to discover an antidote to deadly gases developed by Germany in World War II, application of the new compound to chemical warfare is outside the scope of Dr. Wilson's investigations.

Future studies here, he said, would aim at determining how long PAM remains in the body, how to use PAM as a tool in studies of nerve function and its possible applications to medicine.

How PAM Works

PAM is a crystalline solid which dissolves in water to yield a clear yellow solution. In amounts necessary to preserve life, it is not toxic and no side effects were noted following its administration. Nerve gas DFP (diisopropylfluorophosphate), one of the most deadly nerve gases known and the most difficult to counteract, and the insecticide paraoxon were injected subcutaneously into hundreds of white mice in amounts which kill the animals with certainty within five to 15 minutes. PAM injections were given one or two minutes later. In all cases the mice returned shortly to normal and survived.

PAM's developers have assumed that, since the new compound is effective against the nerve gas whose action is the most difficult to reverse,

it will work on many, if not all other known nerve gases of the same chemical group.

The nerve gases are lethal because they block vital nervous activity by adding a phosphoryl group to the enzyme cholinesterase. The phosphoryl group attaches itself to cholinesterase and forms a chemical lesion. PAM repairs that lesion by removing the phosphoryl group and returning the enzyme to normal.

Its Development

Basic to the development of PAM was Dr. David Nachmansohn's discovery in 1942 that the enzyme cholinesterase is essential for the conduction and transmission of nerve impulses. Dr. Nachmansohn, professor of biochemistry, had introduced the electric eel as a "scientific ally" in his studies of the biochemical reactions which generate electric currents in nerves. The electric eel's organs contain unusually large amounts of cholinesterase and are the most powerful bioelectric generators created by nature.

Using eel-extract cholinesterase, Drs. Nachmansohn and Wilson conducted studies which showed the physical and chemical properties of cholinesterase and, in general, the ways by which enzymes control chemical actions.

(Continued on page four)

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Photos by Manny Warman

Stethoscopia

We've a great-grandfather in our midst. He's **Morris Feld**, who's been a daily volunteer since 1953 and has worked with occupational therapists on P H 5. He attained this venerable state last month when a daughter was born to his granddaughter in San Diego, California.

Lots of men are proud fathers this month . . . In the Comptrollers Department, **John Krohn** and his wife named her Patricia because she was born on St. Patrick's Day. **Dr. Richard Weiss**, resident on Anesthesiology Service, and his wife announced the birth of Barbara on March 10th. **William Egan**, elevator mechanic in Engineering Department, welcomed son Robert James on March 10th and **Frank Patrick Duurloo**, supervisor in Food Service, became Frank Sr. when he and Mrs. Duurloo greeted their first child on March 29th. **Anne Louise**, born in Sloane on March 14th, is the daughter of **Frank Storet**, of Maintenance and Construction, and Mrs. Storet. **Francis DeFriess**, physicist in the Betatron, and his wife welcomed a daughter, **Donna Sue**, on Feb. 29th. Proud mother of the month is **Catherine Williams** (Mrs. Robert Williams), who is on leave from the statistical unit of the Comptrollers Office. Her daughter, **Laura Jean**, arrived on March 26th.

Many weddings are in store for the Medical Center Family. The date's in June for **Drs. Jane Heitmann** and **Stephen Morse**, both interns on Medical Service. Institute of Cancer Research has two newly-engaged men—**Gerald Merson**, technician, and **Dr. George E. Ehrlich**. Others affianced lately are **Katherine Margaret Matthews**, student physical therapist, to **George E. Shambaugh**, Cornell medical student; and **Flora E. C. Farley**, nursing student, to **William F. Zwilling**, a student at Harvard Medical School.

Newly-wed are **Dr. Anne Logan Davis**, assistant physician, to **Dr. Walter A. Wichern Jr.** of Ohio and **Dr. Morton M. Kligerman** of Radiology to the former **Barbara Wilcox**. **Betty May Bohlen**, nurse on PH 10, became Mrs. **John William Zeppel** on March 24th. Her husband is a technician with Lederle Labs.

For gals who want to learn the womanly art of self-defense, **Ray Werden**, head night orderly and leading exponent of the Medical Center's Gun Club, has proposed starting a judo club. Ray also passes on the information that the Gun Club's officers were reelected.

Dr. Ralph Lusskin is executive officer and **Sgt. Frank Ditmar** of the 34th Precinct serves as instructor and rangemaster.

Though Spring is upon us, we can't resist a word about how the Medical Center weathered the recent snow storms. Some thirty per cent of the Medical Center Family was snowbound as were many of the clinic patients. Others found their way through the snows with many spending hours extra in making the trip. Buildings and Grounds men had the paths around the Medical Center all cleared at 9 a.m.

At Mary Harkness the sloping lawns issued welcome invitations to those with sleds and skis. But that was the pleasant aftermath of the storm and hard work which followed it. **Wynn Johnson** of Buildings and Grounds spent twelve hours with the snowplow opening the roads on the grounds so that deliveries could be made. He was ably assisted by **Tommy Boyle** and **Bill Weeks**.

Leaving Social Service staff and Europe bound are **Madeline Szafran** and **Judith Shill**. Miss Szafran is returning after six years to her native Paris. This is Miss Shill's second voyage.

In Memoriam

William H. Wagner, carpenter in Maintenance and Construction, died at the age of 50 on March 29th following a heart attack. He had been with the Hospital since 1949 and one of his favorite jobs was his work in setting up for our annual art exhibit.

Mary McNally, who had retired in 1947, died on March 13th. She was 82 years old. Miss McNally came to the Hospital in 1930 as a night file clerk. She was a clerk in Nursing when she retired.

Current & Coming for Medical Center Family

New Hospital telephone book is in preparation. Corrections, additions, deletions and other changes should be reported in writing to the directory editor, **Harkness Pavillion**, main floor, room one, no later than Thursday, April 26th.

Medical Education Week is April 22-28. Proclaimed by President Eisenhower, this is the first nation-wide observance. Its purpose is to acquaint the public with the work of the 81 medical schools in the country and their role, not only in supplying trained physicians, but also in the advancement of medical science through research and the training of medical scientists and research workers. A special program will be held in P&S during this week.

National Hospital Week, May 6-12, has the theme, "Your Hospital . . . For You and Your Community." A reminder that U.S. hospitals cared for more than 20 million patients last year and that, on an average day, some 1,300,000 persons—one out of every eight persons—were hospitalized.

Greater New York Fund . . . P.H. Rally—will be held on Thursday, May 3rd, at 3 p.m. in **Babies Hospital** fourth floor amphitheater. Presbyterian Hospital is one of the 425 agencies which participate in and benefit from GNYF's once-a-year campaign. This is the only direct appeal the Hospital makes to its employees. Ninety persons throughout the Hospital have been named GNYF representatives. Last year 79 per cent of the Hospital Family contributed to GNYF. This year the campaign's goal is ten million dollars. The aim in P.H. is 100 per cent contribution.

Second annual spring tea at Mary Harkness Convalescent Home will be Wednesday, May 9th. The tea is sponsored by the Women's Auxiliary.

Stamp Club—next "fast and furious trading session" is scheduled for Wednesday, May 9th, 7 p.m. in **Milbank Library**, PH 20. All collectors and would-be collectors invited by the club committee—**Dr. Virginia Appar**, **Priscilla Park**, **Fred Marshall**, **Richard Glanville** and **Joseph Kloczek**.

Honorary Trustee



Frederick Sturges Jr.

Orthopedic Surgery



Dr. W. H. von Lackum

Ophthalmology



Dr. M. C. Wheeler

Pathology



Dr. Abner W.



Miss Stillwell, Miss Lockwood



Dean Rappleye, Dr. Mason, Mrs. Tucker



Mr. Binkert, Miss Hubbard, Miss R.

Below: New members of the 25-Year Club



to the "monastic system when interns couldn't get married and nursing students couldn't even get engaged." Brighter sidelights on life in the Hospital in 1931 were such niceties as non-cafeteria-like dining rooms with "waitresses and tablecloths," or "touch football on the lawn, knowing everybody playing on the tennis courts and going up to 'Bush's beach' for sun tans."

Mrs. Grover O'Neill, of the Board of Women Managers and 1955-1956 vice-president of the 25-Year Club, presented the new members, having a personal note for each. She characterized John Campion and Edwin A. Hegblom, both cashiers, as "Mr. Senior and Junior Moneybags," remembered that Lillian Finocchiaro of Physical Therapy started to work here on her birthday and that George Ogren of Neurological Institute is a skier who "exercises the patients' muscles all day and his own every chance he gets." And to Bertha Edmiston of the Laundry, whose main interest is her grandchildren, Mrs. O'Neill confided, "I'm a grandmother too."

Election of officers was next on the program. As president, the club chose a man who had gotten from his snowbound home to the dinner by "plane, motor car and dog team," Dr. George F. Cahill. He accepted his presidential obligations with the firm intention of not worrying about the farm problem but of seeing to it that next year's 25-Year Club dinner would be just as pleasant as this year.

Other new officers elected were:

Vice-presidents—Mrs. Carll Tucker of the Board of Women Managers of Babies Hospital, a 35-year member, and Dorothy L. Kurtz, chief medical records librarian, a 27-year member.

Secretary—Anne E. Healy, dietitian, a 28-year member. Assistant secretary—Helen Hannon of the record room, a 27-year member.

Treasurer—Philip Sulzer, collection manager, a 26-year member.

Surrounded by splendid rhetoric and with floodgates widely opened to waves of nostalgia, 25-Year-Club members had a gay time at their annual dinner on March 22nd. Dr. Yale Kneeland, 1955-1956 president, conducted the proceedings with a savoir faire that set the pace for the evening. Trustee Artemus L. Gates, introduced as a legendary football figure at Old Eli and one of the leading pilots of World War I, welcomed the new members.

Dr. Kneeland discovered with both amazement and dismay that "one of my old interns" was spokesman for the new members.

That intern was Dr. Edmund P. Fowler Jr., director of Otolaryngology Service, whose first thought was that "It's very nice to be here and it's wonderful that someone thinks its worthwhile to have you for 25 years." On the serious side, Dr. Fowler pointed out that the members, through their length of service and experience, are "the solid girders that hold up the center of the building and hold the Medical Center together."

On the lighter side, Dr. Fowler devoted some time to proving that the good old days were not quite so good as remembered. He referred



Dr. Fowler, "Old Timer"



Dr. Cahill accepts the presidency



Mrs. O'Neill, B. Carita



Dr. Buyer, W. De Revere



Miss Eliot, Mr. Gates, Miss Hawthorne

Nerve gas antidote—Cont. from p. 1

Once it was determined that the nerve gases inhibit cholinesterase action by transferring a phosphoryl group to the enzyme, Dr. Wilson and his medical research team began work on removing the phosphorous. At first they used known compounds such as hydroxylamine and its derivatives. They found these required high concentrations and relatively long periods to repair the damage to the poisoned cholinesterase.

The Research Team

Then Dr. Wilson set out to design, on paper, a molecule that would exploit forces which could suck out the poisoning phosphoryl group, react with the phosphoryl group and neutralize it. Synthesis of the molecules designed by Dr. Wilson was carried out by Dr. Sara Ginsburg, research associate. Dr. Helmut Kewitz, Ford Foundation fellow from Germany, carried out the animal experiments.

Doctors' Doings

Dr. A. David Gurewitsch, of the Physical Medicine and Rehabilitation Service, has been named director of medical services at the Institute for the Crippled and Disabled. At the Institute, which is affiliated with the Medical Center, Dr. Gurewitsch succeeds Dr. Edward E. Gordon, who became director of his specialty in Michael Reese Hospital, Chicago.

Dr. Gurewitsch will continue as assistant attending physician in charge of physical medicine in



Dr. A. D. Gurewitsch

Neurological Institute, and as associate clinical professor of physical medicine and rehabilitation. Dr. Gurewitsch had studied medicine in Switzerland, England and the United States. He has been with the Medical Center since 1940 and in 1949-50 was first medical officer of the United Nations organization.

Dr. Ralph A. Deterling Jr. of Surgical Service was doubly honored on his recent Cuba visit. He spoke on the use of blood vessel replacements before the National Society of Surgery of Cuba and was accorded honorary fellowship in that society, which is the top surgical association of Cuba.

A similar honor was experienced in Kansas by Dr. Raymond L. Pfeiffer of Ophthalmology Service. He went there to deliver the annual Curran Lecture at the University of Kansas Medical School and was elected an honorary member of the Kansas Ophthalmological Society.

Social workers attend lecture program here

Presbyterian Hospital was host to the Medical Section of the New York City chapter of the National Association of Social Workers on March 21st.

This program, the result of requests by social workers, continued the tradition of the Thornton-Cannon lectures. Those lectures were established a decade ago in honor of Janet Thornton, former director of the Hospital's Social Service Department, and Antoinette Cannon, who was educational director of the department and then on the faculty of the New York School of Social Work.

Dr. Samuel W. Dooley, health associate of the Community Service Society, spoke on "Responsibility of Professional and Community Organizations." The audience was very responsive to Dr. Dooley's ideas on closer working together of all agencies and organizations in meeting family needs in the community.

Catherine Purcell, chairman of the visiting group and a faculty member of Fordham University School of Social Service, conducted the meeting. Dr. Dooley was introduced by Theodate Soule, director of social service at New York Hospital, who also led the discussion following his talk.

A reception was held after the meeting. Many former social workers of Presbyterian Hospital attended the program.

Presbyterian and the sesquicentennial

"New Horizons in Medicine" were the focal points of the 150th anniversary celebration of the Medical Society of the County of New York and of the 11 programs held in Presbyterian to mark that anniversary.

Otolaryngology, pediatrics, ophthalmology and anesthesia services presented scientific programs and conferences. Doctors who took part in various anniversary programs here and throughout the city included:

Dr. John A. Downey of Physical

Bert Wray elected "His Honor" of Mt. Kisco

On April 2nd a gentleman many of us know took office as mayor of the village of Mount Kisco. "His Honor," as his associates are beginning to call him, is Bertrand P. Wray, head of Protective Department here.

Mr. Wray, in the first contested mayoralty election in five years, unseated his opponent by 1,250 votes to 1,199. But municipal problems may just be beginning for Mr. Wray in his spare-time job as leader of Mount Kisco. A member of the Taxpayers-Union party, he will spend his one year term with a Village Board made up of the opposition "Indian party" members.

A resident of Mount Kisco for 14 years, Mr. Wray served as a Village trustee and has been active there as chief of umpires of the Little League, past grand knight of the Knights of Columbus, security director of Northern Westchester Hospital and as a member of the Recreation Commission and the Holy Name Society.

His pre-Hospital career with the New York City Police Department may indicate why Mount Kisco voted for him. He was the youngest acting lieutenant the force had ever had when he retired in 1940 because of a disability received in the line of police duty. He has been awarded two citations; one for saving a family of eight in a fire, another for an errand of mercy. Mr. Wray had also been an instructor in the Police Academy and was a lecturer and author on police administration.

His war-time service with the U.S. Secret Service reads like a novel. Appointed the day after Pearl Harbor, he was in charge of seizing the funds and assets of the enemy and while on the job apprehended several spies.

After such an exciting life, when you ask about Protective, he'll tell you about how good his men are—but nary a word about his own exploits, here or anywhere.



The new mayor (second from right) conducts his first meeting

New Society for Medical History Sponsors Lectures

A lecture series by Dr. George Rosen, author of "400 Years of a Doctor's Life" and staff member of the School of Public Health, is the first program of the newly-organized Columbia-Presbyterian Society for Medical History.

The lectures are being given in the amphitheater, P&S first floor, from 5 to 6 p.m. every Thursday in April and on May 3rd and 10th. Membership and attendance are open to all Hospital staff members and to medical students.

To aid Cancer Care

Mrs. Jerome P. Webster, a member of the Women's Auxiliary of Presbyterian Hospital, has been elected to the board of trustees of Cancer Care, an organization formerly known as the National Cancer Foundation. Mrs. Webster was a member of the social service committee of the cancer organization.

Memorial to P&S friends

A new plaque in P&S lobby is reminder of two men who were good friends to medical students for half a century. It was unveiled on March 11 by the Association Alumni of P&S in honor of "George Peters and Charlie Costello, custodians of the cloak room and guide counsellors and friends to many generations of students."

The day was the alumni's annual reunion and classes from 1890 to the future alumni of the Class of 1956 were represented. On the committee for the annual reunion which included scientific papers at a conference, were Drs. Charles J. Flood and George A. Perera of Medical Service and Dr. Robert H. Wylie Jr. of Surgical Service. Dr. Martin DeForest Smith of Medical Service was chairman of the dinner committee.

New officers elected by the alumni association are:

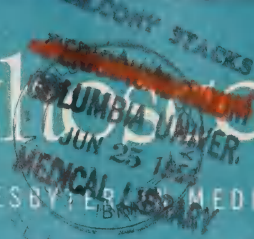
Dr. A. J. Abelloff, president, succeeding Dr. E. G. Ramsdell, now trustee; vice-president, Dr. J. Lawrence Pool; secretary, Dr. F. J. Lane; assistant secretary, Dr. Robert H. Wylie; treasurer, Dr. Rudolph B. Schullinger; assistant treasurer, Dr. Charles A. Flood; historian, Dr. Condict Cutler.

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The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER



VOLUME 11, No. 5

MAY-JUNE, 1956

New Surgical Repair for Rare Congenital Defect

A new surgical correction for children born with an inside-out bladder (exstrophy of the bladder) can replace the bladder in the abdomen, Dr. John K. Lattimer, director of the Urological Service, told the 150th annual convention of the Medical Society of the State of New York last month.

"The new procedure," Dr. Lattimer said, "is the first major advance in the treatment of this rare congenital defect that we have seen in the past 30 years." Infants affected by this flaw in development before birth have a bladder turned inside out, which protrudes from their lower abdomen. They are unable to retain urine and have deformed genital organs.

"Previous surgical methods of routing the urinary tracts into the bowel have not been entirely satisfactory," Dr. Lattimer said. "This method, which includes reconstruction of genitals of normal appearance, comes close to restoring the child's urinary apparatus to nature's design."

The new technique folds the bladder back into the abdomen. It was devised by Dr. Theodore I. Sweetser of Minneapolis.

Dr. Lattimer reported on operations being done at the Presbyterian Hospital, where urological surgeons and plastic surgeons team together to provide functioning internal urinary structures and to rebuild external genitals of normal appearance. The procedure requires some time to eight hours of surgery, but may be done in stages. Optimum age for the operation, Dr. Lattimer said, may be about six months.

The technique also includes an effort to reconstruct a mechanism for normal urinary control, but none of the children so far operated are old enough for an indication of whether this has been achieved. The surgeons wrap muscular strands around the pelvic diaphragm around the urinary tube. The newly formed bladder is covered by flaps made from the sheaths of the abdominal muscles.

What Causes Tooth Decay? Indians without Toothbrushes Give a New Clue to Researchers Who Arrive by Hydroplane

Although their diet is substandard and they have no toothbrushes, Indians who live high in the Andes have much better teeth than the average New Yorker.

The well-fed Pharaohs of ancient Egypt were plagued by tooth decay. But the hungry slaves who built the Pyramids had first-rate teeth.

These and many other facts gathered in some 20 years of research have led two scientists at the Columbia-Presbyterian Medical Center to a new view of what causes dental caries, or tooth decay.

Dr. Hans H. Neumann, physician, and Dr. N. Di Salvo, dentist and physiologist, not long ago confirmed some findings based on laboratory search in New York by visiting eight primitive tribes in Peru, Guatemala, and Mexico. The researchers reached these remote groups by hydro-

Miss Eliot Awarded Honorary Degree by Temple University



Miss Margaret Eliot, R. N., L. H. D.

Miss Margaret Eliot, R. N., Director of Nursing at The Presbyterian Hospital until her retirement, was awarded the honorary degree of Doctor of Humane Letters by Temple University, Philadelphia, at its June commencement.

The award recognized Miss Eliot's outstanding contributions to the profession of nursing. In presenting her for the honorary degree, Dr. William N. Parkinson, Dean of the Medical School, Temple University, said: "Thousands have received from her the care of a devoted nurse, the instruction of a great teacher, and the direction of an able administrator as she has moved ahead step-by-step in her profession."

A teacher beloved by thousands of nursing students, Miss Eliot was also a leader in the national movement to make the most of nursing resources. At the Hospital she helped to organize a pace-setting program for supplementing nursing services by well-trained practical nurses, nursing aides, and attendants.

Miss Eliot was graduated from the Presbyterian Hospital School of Nursing. Although one of the top administrators in the profession, she became an executive with reluctance and preferred the direct service of patient care.

New Drugs Relieve Anxiety Aid Psychotherapy, Hoch Says

"Tranquilizing drugs cannot be used to treat diseases as such, but are very effective in controlling certain symptoms occurring in the framework of various psychiatric disorders."

So Dr. Paul H. Hoch, New York State Commissioner of Mental Hygiene and Professor of Clinical Psychiatry at the College of Physicians and Surgeons, told the 150th annual meeting of the Medical Society of the State of New York.

The new tranquilizing drugs, Dr. Hoch said, are "most effective in excited, tense, and very anxious patients and also in controlling certain hallucinations. The drugs are far less effective in apathetic, driveless, comfortable patients."

Chlorpromazine is a valuable aid to psychotherapy, Dr. Hoch said. "The integration of chemotherapy and psychotherapy, especially for the treatment of ambulatory psychiatric patients, will be the task of psychiatry in the future."

Certain malignant growths of the eyelids have responded satisfactorily to low voltage radiation, Dr. George R. Merriam, Jr., assistant attending ophthalmologist, Presbyterian Hospital, told the Medical Society. High voltage radiation brought relief in about half of a group of cases of metastatic growths in the eye.

Dr. DeGraaf Woodman, attending otolaryngologist, Presbyterian Hospital, told how a patient recovered her voice by a combination of surgery and speech therapy.

Neither would have been successful alone. A small web grown over the larynx, or voice box, was surgically removed and a piece of winged metal (the McNaught keel) inserted for eight weeks to prevent reformation of the web. Extensive therapy followed to build the muscles of speech for easier functioning.

Other staff members who presented reports were Dr. John K. Lattimer (see left), Dr. Jose M. Ferrer, Jr., Dr. Emanuel M. Papper, Dr. Samuel Waldron Lambert, Jr., Dr. Hugh McHugh, Dr. Lester C. Mark, Dr. John M. Cotton, Dr. M. Irene Ferrer.



DR. DI SALVO AND INDIAN WOMAN:
She Has a Better Bite than You Have

(Continued on page four)

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Photos by Manny Warman

New Fields Opening in Physical Medicine, Dr. Snow Says, But Specialists Are Short

For the handicapped, the modern rehabilitation center opens the door to help in every vital area — physical, vocational, social, psychological. To meet the patient's many needs in the right way and at the right time, the center's work must be guided by a physician trained in the specialty of Physical Medicine.

So Dr. William B. Snow told the New York Society of Physical Medicine and Rehabilitation at a meeting last month honoring his 36 years in service in this field. Dr. Snow, who has been a staff member at the Columbia-Presbyterian Medical Center for 26 years, was awarded the Society's certificate of merit for his pioneering work in this field.

"More and more physicians in general practice," Dr. Snow said, "now recognize that it is necessary to call in the physiatrist or to refer the handicapped patient to a rehabilitation center for the total rehabilitation that such disabilities require."

The rapidly increasing problems of care for the aging sector of our population is a major field for the specialist in Physical Medicine, Dr. Snow pointed out. Despite the increasing demand for specialists accredited in this field, there is a pressing shortage of medical graduates seeking this type of training.

Although the national board for accrediting specialists in the practice of Physical Medicine and Rehabilitation is only 9 years old, teaching programs in this field have been organized in the major teaching hospitals of New York City for at least 25 years. Dr. Snow is one of the founders of specialized medical education in this field and was also responsible for the organization of a training program for physical therapists as a part of Columbia University's graduate curriculum. This single program has turned out some 353 physical therapists.

Switchboard Switches

The telephone switchboard room on the 9th floor stem has been completely rebuilt to provide our 40 operators new elbow room and more pleasant surroundings. Glass enclosed areas have been provided for the chief operator, the doctors' answering service, and the page operator, resulting in a more quiet and efficient switchboard operation.

Social History of Patient is Vital To Diagnostic Study, Dr. Bailey Says

"A young mother of two children who has rheumatic heart disease with mitral stenosis is told by her physician that she should be admitted to the Hospital for an operation to improve the condition of her heart. The doctor explained the situation to her as best he could in his limited time, but very often those questions which arise out of her deepest anxiety must be answered not by him, but by the sympathetic social worker, who tries to allay her fears.

"What about her husband? He needs to be persuaded of the need of the operation. Then there are the children to be taken care of — otherwise she cannot have the operation — and perhaps provision must be made for a housekeeper for the family.

"Convalescence must be planned for even before the patient enters the hospital, lest the stay be unnecessarily long, and also the eventual rehabilitation in the home."

All this is the job of the hospital social worker, Dr. Frederick R. Bailey, chairman of the committee on social service of the Medical Board of The Presbyterian Hospital, told a social service meeting last month. Some 115 representatives of community agencies who work closely with the Hospital attended the conference and tea, sponsored by a committee of the Women's Auxiliary and by Social Service.

The agencies assist in meeting the needs of discharged patients when they return to their communities.

The social history of the patient, obtained by the social service worker, is an indispensable part of the physician's diagnostic study, Dr. Bailey said.

Guide to Community Aids

"The physician — busy in the medical care of his patient — needs badly the help of the social service worker in determining what type of aid is available for a given case from a wide range of private and government agencies and in taking the proper steps to obtain such aid."

Dr. Bailey advised ambitious young women not to regard case work as a mere stepping-stone to an administrative job. "The case worker may be compared to the family physician, and each represents the best flowering of his art."

Dr. James E. McCormack welcomed the conference in behalf of the hospital.

Miss Elizabeth Prichard, director of social service, thanked the agencies for their cooperation, stressed our dependence on them, and said there was a need to review working relationships in terms of making the most effective use of all resources.

Committee Members

Mrs. Jose M. Ferrer, Jr., was chairman of the committee for the conference. Other members of the committee were: Mrs. Conrad M. Riley, chairman of the Cribside Social Service Committee; Mrs. H. S. Fenimore Cooper, chairman of the Neurological Institute Auxiliary; Mrs. S. Hazard Gillespie, Jr., chairman of the New York Orthopaedic Auxiliary; Miss Mildred Stilwell, Miss Barbara Kohlsaat, Mrs. Claire Wheat, and Miss Prichard, all of Social Service.

Retirements

Mrs. Elizabeth Kennedy, who retired on April 12, is probably the only Medical Center employee who played as a child in the rough meadow where the Center now stands, who filled her pockets from the peach orchard which spread between Audubon and Amsterdam Avenues and watched the goats travel downhill to the river. Elizabeth remembers tearing her dress while cutting through the brush to reach the little dirt road which is now Riverside Drive; she remembers the haunted house of 179th Street and speaks of the gypsies who camped nearby. She saw the tents rise for Billy Sunday's tabernacle and is convinced that the tunnel between the Neurological Institute and the Presbyterian Hospital was once part of the New York Highlanders dug-out when this was their ball park. Elizabeth Kennedy served as a nurse's aide in the Neurological Institute for 15 years. "Elizabeth," said one of her co-workers, "was not once late on duty, and no one remembers seeing her sitting down. No one kept flowers growing so well in the solarium, and no one was more kindly and thoughtful to patients or more dependable and loyal to those working with her."

How many cups of coffee have you had at the soda fountain in the last 12 years? Add them up and divide by shifts and that's about the number of times you saw Esther Carley. She was the soft-spoken lady who took your check and gave you your change. When she retired on May 1, Mrs. Carley had served at the Hospital for 29½ years. Mrs. Carley knew almost everybody and was a generous source of coffee money for "youngsters broke before payday." She's making plans to visit her native Ireland.

The ladies in the Laundry sewing room say they will miss the nimble fingers of Margaret Kiernan. Miss Miss Kiernan became forelady of the sewing room in 1954. A rough estimate suggests that she may have taken some 144 million stitches on behalf of the Presbyterian Hospital.

Hospital Contributions Rise for New York Fund

Presbyterian Hospital's contribution to the Greater New York Fund amounted to \$5,775.79 as of June 1. Some 2,650 contributions have already been received, and the drive continues until the end of June. Three departments have already reported a 100 per cent response: Administration, Personnel and Protective, and Public Interest.

The big campaign, the only drive to which the Hospital asks its staff and personnel to contribute, began with a rally on May 3.

Mrs. Brown Wins Honeymoon



Mrs. Andrea Brown, secretary to Dr. Philip D. Wiedel, wrote a letter that won a free honeymoon trip to Europe for herself and husband Gordon, a third-year student at P&S. Mrs. Brown wrote on "Why I would like a honeymoon in Monaco," for Tex and Jinx McCrary's contest at the time of the Kelly-Rainier nuptials. Although the Browns have been married two years, they have never had time to have a honeymoon. They plan to collect their prize in the fall, with an itinerary that includes Rome, Florence, and Paris—but not Monaco.

In Memoriam

Mrs. Ernest R. Adee, honorary president of the Board of Women Managers of Babies Hospital, died on May 4 at the age of 84. She had been associated with the Hospital for 57 years and was the second of four generations of her family to serve there.

When Mrs. Adee joined the Crib-side Social Service Committee in 1899 her mother, Mrs. Louis Fitzgerald, was already a member of that Committee and of the Board of Women Managers. Four years later Mrs. Adee was elected to the Board, serving as vice-president from 1917 until 1925, and as president for eight years after that. She was honorary president from 1938 until her recent death. It was during Mrs. Adee's tenure as president of the Board of Women Managers that the decision was made for Babies Hospital to join the Medical Center, leaving its older quarters at Lexington Avenue and 55th Street. Mrs. Adee also served on the committee which raised the money for the present structure occupied by the Hospital in 1929.

An honored guest at the 1955 banquet of the 25-Year Club, Mrs. Adee noted that her connection with Babies Hospital had been "a great and enduring interest" to her and that she "still liked to participate in all its activities." Her daughter, Mrs. Francis B. Bradley, was also on the Board of Women Managers at one time, and her grand-daughter, Mrs. DeForest Manice, has been a member since 1945.

Dr. Charles C. Lieb, 75, professor emeritus of pharmacology, died April 6. He taught and did research in the College of Physicians and Surgeons for the 25 years preceding his retirement in 1944. Dr. Lieb was a recipient of the distinguished service award presented to 25 persons at the Medical Center's 25th anniversary celebration in 1953.

Stethoscopia

Miss Emma Mike, dietitian in Babies Hospital, was selected for a special citation by the Home Economics Alumni Association of the University of Maryland. The award was one of four presented to Alumni at the Centennial Meetings on May 5, 1956, in recognition of outstanding service in the field of home economics, and to the community.

George Lumley, chief draftsman in Maintenance & Construction, and an evening student of architecture at Columbia University, won a University medal for the best design and scale model of a playground for children in crowded cities.

We welcome Charles A. Faughman recently returned from military leave, who was re-instated as helper in the engineering department.

A bon voyage to Eugene Mozzillo, radio & television man in Maintenance & Construction, who sailed on May 15 for two months in Italy, his first visit in 25 years.

Wedding announcements have

been received from: Judy Kaplan, physical therapist in Harkness Pavilion, who will marry Pfc. Skip Hurley on June 24; Phylis Menin, a cancer research technician in Obs-Gyn., who married Dr. Arthur Gordon, a P&S graduate, on April 29; Juliana Schilling, secretary to Dr. George Humphreys, who will marry David G. Nixon on June 3.

Engaged to marry are: Dr. Joseph A. Buda, surgical intern, to Carolyn A. Sayward, who is on the nursing staff at Memorial Center; Joan Naughton, head nurse, 6th floor, Babies Hospital, to Edward C. Bertuccio; Elizabeth Ann Harkrader, third year nursing, to George Lourman Howell.

Mrs. Kitty Slavin and her husband recently celebrated their 25th wedding anniversary. Mrs. Slavin keeps track of Patients' Accounts.

A son, Kevin Charles McKean was born to Dr. and Mrs. Charles M. McKean on April 4, at Harkness Pavilion. Dr. McKean is an Assist-

ant Resident in Pediatrics.

Mrs. Ida Kauderer, head nurse, Anesthesiology, is proud of her daughter, Janet, who is following her in the medical world. Completing her first year at NYU College of Medicine, Janet received two awards—a research grant in chemical pathology and a fellowship.

Mrs. Inez Rolfes, secretary to Dr. Raymond Pfeiffer, and Mrs. Dorothy Rothman of Public Interest, are happy about the New York State Regents Scholarships awarded their sons, both named Kenneth and both graduates of the famous Bronx High School of Science.

Mrs. Martha Sugrue's (insurance unit) daughter receives her RN this month from St. Vincent's.

Touring the North Atlantic this summer will be Midshipman Peter Bozzo, Jr., son of Peter Bozzo, Sr., Purchasing Agent. Young Peter has been studying at Annapolis and will be aboard the Cruiser Des Moines on this assignment.



A typical scene at the opening of Medical Center's 1956 Arts, Crafts and Photography Exhibit. Entries this year included 71 oil paintings, 28 water colors, 49 photographs, 51 craft exhibits, nine drawings, nine pieces of sculpture, three caseins, two wax paintings, two "mobiles," one linoleum engraving, one tempera on gesso, one postage stamp mosaic, and 254 Kodachrome slides.



Ivan Summers, medical artist, with casein painting, was chairman of 1956 Art Exhibit.



Dr. Meyer M. Melicow, past president of the American Physicians' Art Association with oil painting of "Lake Placid."



Comparing notes are Dr. John Conley, with two of his paintings, and Mrs. Frances O'Garra, whose crocheted bedspread was several years in the making.



Staff nurse Betty L. Engle displays her drawing of "Dynamite," along with several other studies of pets—apparently a favorite theme.



Margaret Gross, private duty nurse in Eye Institute, contributed a water color as well as this outstanding oil portrait.

Tooth Decay

(Continued from page one)

believe, have a lot to do with habitual chewing or cracking of things like toasted beans and hard-shelled nuts.

This seems to work with New York children, too. Drs. Neumann and Di Salvo once arranged to set some 200 nursery school children to chewing every morning on hard lumps of slightly sweetened resin gum. After some two years of chewing, these 3 to 5 year olds showed a considerably lower rate of caries than a non-chewing group of the same age.

All doctors know that there may be "softening" in bones if bedridden children are deprived of function too long. This can be corrected again by exercise. These researchers believe the same kind of "work hardening" may occur in teeth.

These workers point out, however, that more research will have to be done to test this new hypothesis against other views. Other Medical Center researchers are investigating other factors which may be influential.

Dr. Neumann began to think about chewing and teeth when he lived among the Polynesians as an officer of the New Zealand health Service. Although there was plenty of sugar in their native diet, these handsome islanders had flawless teeth. But when modern food and table manners followed the GI's through the South Pacific, the Polynesians stopped chewing and picked up knives and forks. Their teeth began to show decay.

Radioactive isotopes brought another part of the story. These tracers showed that teeth are not the finished, changeless structures we once had thought — but are constantly being built and re-built like any other part of the body. Thus it seemed increasingly likely that chewing might affect the physical structure of the teeth.

Both the inorganic and organic structures of the teeth are highly sensitive to the pressures of hard chewing, these researchers say. They think the best safeguard for our teeth may be the addition of some hard-chewing substance to our diet — say, toasted hard corn kernels — and are busy looking for one. Meanwhile, they suggest, give your children something hard to chew on — old-fashioned European bread crusts are a good bet.

COMIC BOOKS WANTED

Comic books are the most popular reading material patients request. Milbank Library cannot supply the demand. Do you have any extra comic books that you would be willing to contribute for this purpose? They would be appreciated by those who have long tedious hours to fill while patients in the Hospital. Please direct your comic contributions to the Milbank Library, 20th floor, Presbyterian Hospital.

Dental Researchers Show New View in Pictures

1



Some of the world's worst fed people have the best teeth.



"Well balanced diet" does not provide resistance to decay.

2



The incidence of sound teeth in the world is unrelated to the incidence of toothbrushes.



The usefulness of the toothbrush in the control of dental caries is limited.

3



Heredity is largely inconsequential in human caries resistance.



In a few years the Australian natives' teeth changed from the world's best to the worst.

4



Fluorides are helpful in reducing caries. However, their absence is not the cause of decay.



Naples, Italy and Wellington, N. Z. have same water fluorine content. Naples' children have excellent teeth; Wellington's the world's worst.

5 SUGAR?



5,000 years before candy and refined carbohydrates, the teeth of the Egyptian aristocracy were decayed. They lived on a luxurious softly cooked diet.



While among the poorer people, living on coarse food requiring hard chewing, caries was exceedingly rare.

6 INADEQUATE CHEWING?



The world over, caries-resistant teeth prevailed where mastication was vigorous.

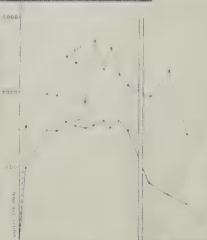


With the absence of hard food and consequent little chewing, teeth tend to decay.

7 DISUSE EFFECTS IN TEETH?



In an experimental series, monkeys were limited, through surgery, to chewing on only one side. (Unilateral muscle resection, or quadrant of teeth resection.)



The phosphorus turnover rate in the molars (measured topically with radiophosphorus) showed a great difference between the chewing and non-chewing side.

8



His History: Soft food since infancy
His Future: Homo Edentatus Plasticus



Add early harder food, such as:
Hard teething biscuits
Hard bread crusts
Raw Vegetables



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME II, No. 6

JULY-AUGUST, 1956

John W. Hornor Elected Honorary Trustee

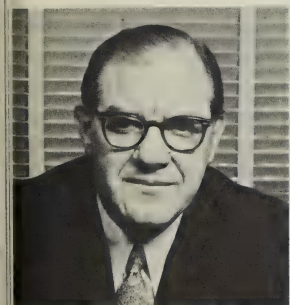
John W. Hornor, a member of the Board of Trustees of Presbyterian Hospital since 1933, was elected an Honorary Trustee on June 25. One of the Medical Center's most interested and active supporters, Mr. Hornor was on the Babies Hospital Board of Managers for five years prior to his association with Presbyterian and was secretary of the Babies Hospital Board from 1928 until 1933. He was assistant secretary for ten years after that.

Mr. Hornor has been a member of the Executive Committee of the Board of Trustees of Presbyterian Hospital since 1943 and has served on many other committees of the Board.

A resident of New York City, Mr. Hornor is a member of the Board of Trustees of St. John's Guild and Five Points House, Inc., and is treasurer of both organizations. He is also a member of the Church Club and the New York Yacht Club.

Board of Trustees Announces Election of Roger M. Blough

Roger M. Blough has been elected to the Board of Trustees of The Presbyterian Hospital, Columbia-Presbyterian Medical Center.

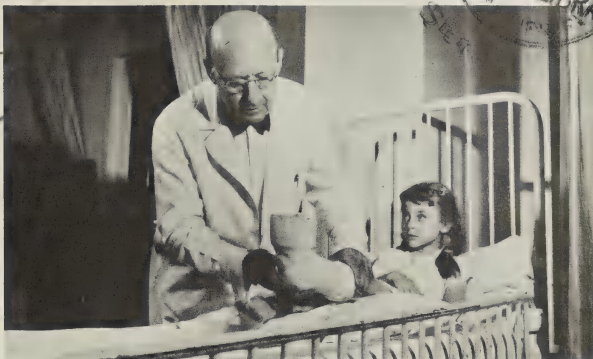


Mr. Blough

Mr. Blough is Chairman of the Board of Directors and Chief Executive of the United States Steel Corporation. His association with United States Steel began in 1939 when he acted as associate counsel for the Corporation during the Temporary National Economic Committee investigation of the steel industry.

Mr. Blough is a graduate of Susquehanna University, Selingsgrove, Pennsylvania and of Yale Law School, where he was an editor of the Yale Law Journal.

Dr. Alan DeForest Smith Retires Of Orthopedic Service, Becomes Consultant



Dr. Smith with a young admirer

Dr. Alan DeForest Smith retired at the end of June from one of his many jobs — Director of the Orthopedic Service of the Presbyterian Hospital. He becomes instead consultant to the Hospital and will continue his private practice at his Hospital office.

Dr. Smith's 39 years of service as an orthopedic surgeon cover a period in which man — in global war and in the automobile — has succeeded in battering his muscular-skeletal apparatus as never before. Luckily for all of us, the orthopedic surgeon's ability to patch up the damage has also increased at a remarkable rate. For part of the increase, Dr. Alan DeForest Smith is responsible.

A pioneer in developing techniques for transplanting massive bone grafts in certain cases of fragile bones, Dr. Smith showed how they could strengthen and make usable these weak and deformed extremities.

In early transplant surgery, close relatives usually supplied bone grafts and both removal and transplant had to be done as a sequence. In one of these cases, Dr. Smith found it necessary to store the graft at low temperature for several weeks before the surgery could be completed. From this case came the idea for a bone bank. Dr. Smith initiated the bone bank and, with other staff members, developed the first of its kind in a civilian institution at the New York Orthopaedic Hospital, which became a part of The Presbyterian Hospital in 1950.

Dr. Smith is also known for many contributions to the treatment of low

back disorders and skeletal disc degeneration, of congenital deformities of the spine, and of tuberculosis of bones and joints.

The New York Orthopaedic Hospital had opened its doors in 1869 as one of the first clinics anywhere in the world to be devoted to this specialty. Dr. Smith was instrumental in bringing it to the Columbia-Presbyterian Medical Center in 1950. The move made it possible for orthopedic surgeons to team with neurosurgeons of the Neurological Institute in restoring motion to flaccid muscles.

Dr. Smith was graduated from the College of Physicians and Surgeons and interned at St. Luke's Hospital. He is a consulting orthopedic surgeon to the Roosevelt, Southampton, and Greenwich Hospitals. He is consultant to the New York City Department of Health, and the National Foundation for Infantile Paralysis.

Dr. Smith also retires as Executive Officer of the Department of Orthopedic Surgery of the College of Physicians and Surgeons, becoming Professor Emeritus.

As a tribute to Dr. Smith's many contributions to this field, the Alumni Association of the New York Orthopaedic Hospital has established the Alan DeForest Smith Lecture in orthopedic surgery.

Retirements in Medicine, Neurology and Dentistry

The Medical, Neurological and Dental Services also lost some of their most distinguished members as a result of the June 30 retirements. Like Dr. Smith, however, most are

(continued on page two)

Students Nurses Graduate; Dr. Penfield Is Speaker

Commenting on Longfellow's famous description of Florence Nightingale, Dr. Wilder Penfield told the School of Nursing's 1956 graduating class that he felt "the lady with the lamp" might have been described with less sentiment and more accuracy as "the woman with her sleeves rolled up." "She went to work," said Dr. Penfield, "having allegiance to no one but the patient. Thus she invaded the medical field and took over part of it. This field she bequeathed forever to women — women who will work. She lit a fire on the banks of the Bosphorus, not a feeble lamp — and its light and warmth spread around the world."

Dr. Penfield, Director of the Montreal Neurological Institute and one of the world's foremost neurosurgeons, was the principal speaker at the 62nd Commencement Exercises of the Presbyterian Hospital School of Nursing on June 7. The ceremony was held in the garden outside The Pauline A. Hartford Memorial Chapel, with W. E. S. Griswold Jr., Secretary of the Hospital, presiding.



Pinning ceremony followed graduation

In his introductory remarks, Mr. Griswold stressed the growth and progress of both the School of Nursing and the Hospital over the years, noting that the latter had only 256 beds when the first 16 students entered the Nursing School in 1892. "Today," he added, "we have 101 students in the graduating class alone and our Hospital has grown from 256 to 1,500 beds, plus a clinic serving 54,000 patients a year."

Dr. Willard C. Rappleye, dean of the Faculty of Medicine at Columbia University, also addressed the graduates. Diplomas were presented by Mrs. Frederic F. deRham, a mem-

(continued on page three)

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Photo credits—Picture of Dr. Smith by Arthur Shatz, Black Star. Photos of Nurses' graduation by Manny Warman.

Retirements

(continued from page one)

continuing in private practice and will continue their association with the Hospital as consultants.

Those retiring from the Medical Service are Dr. Ralph H. Boots, Dr. Michael Heidelbergberger, and Dr. Henry E. Marks; from Neurology, Dr. Irving J. Sands, Dr. L. Beverley Chaney, and Dr. Maurice Frocht; and from Dentistry, Dr. Joseph Schroff.

Dr. Boots

Dr. Ralph H. Boots, Attending Physician and Associate Clinical Professor of Medicine, is one of those named as a consultant on June 30. Dr. Boots is well-known for his work in the study of rheumatic disease. In 1928 he founded the Edward Daniels Faulkner Arthritis Clinic at the Medical Center, serving as its director until this year. Dr. Boots is also a Director of the Arthritis and Rheumatism Foundation and was formerly President of both the American Rheumatism Association and the New York Rheumatism Association. He has written numerous papers dealing with his research on rheumatic diseases and collaborated on Comroe's textbook, "Arthritis and Allied Conditions."

A graduate of Geneva College and the University of Pittsburgh's Medical School, Dr. Boots interned at St. Francis Hospital in Pittsburgh and served as a Captain with the American Expeditionary Forces in France during World War I. He was an assistant resident at the Hospital of the Rockefeller Institute from 1919 until 1922, and was an assistant attending physician at St. Luke's Hospital from 1923 until 1928.

Dr. Boots is a consultant at the South Hampton Hospital, the Bergen Pines County Hospital, and the House of the Holy Comforter, and is a member of the Harvey Society. In addition to serving Presbyterian as a consultant, he will continue to carry on his active practice.

Dr. Heidelbergberger

Dr. Michael Heidelbergberger, Professor of Immunochemistry and a member of Medical Service as Chemist to the Hospital, has long ranked among the foremost researchers in the sci-

ence of immunochemistry. The author of nearly 300 papers on this and related subjects, he has received many honors in recognition of his outstanding work. Among the most recent of these was the Albert Lasker Award of the American Public Health Association, one of the nation's highest medical honors, which was presented to him in 1953.

A graduate of Columbia University, Dr. Heidelbergberger received his B.S., M.A., and Ph.D. degrees there and was associated with the Rockefeller Institute and its hospital for 16 years before joining Presbyterian's Medical Service as chemist in 1928. He also became an Associate Professor of Medicine at that time, later holding professorial posts in biochemistry. He became a full Professor in 1945 and three years later was appointed Professor of Immunochemistry. Dr. Heidelbergberger served as an officer in the Sanitary Corps during the first World War and was a consultant to the Secretary of War in World War II.

Dr. Heidelbergberger is a past president of the Harvey Society and of the American Association of Immunologists, and holds memberships in many other scientific societies. He is a chevalier of the French Legion of Honor and has received numerous awards, honorary degrees and honorary academic appointments from universities and scientific societies in Europe and South America. He is now Visiting Professor of Immunochemistry at the Institute of Microbiology, Rutgers University, New Brunswick, N. J.

Dr. H. E. Marks

Dr. Henry E. Marks, Assistant Physician at Presbyterian and Associate in Medicine at the College of Physicians and Surgeons, has been interested in the study of diabetes throughout his entire career. He is the author of many papers on this subject and has contributed chapters to *Dietetics for the Clinician* and *Basal Metabolism, Its Determination and Application*.

A former Chairman of the New York Diabetes Association's Clinical Society, Dr. Marks was President of the Association last year. He is also a member of the American Diabetes Association.

(continued on page four)

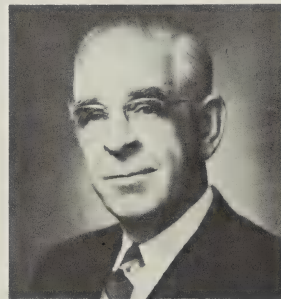
Volunteers Complete Nursing Aide Course

Twenty-three volunteers recently completed an evening training course for Nursing Aides, given by members of the Hospital Nursing Staff under the direction of Miss Lillian Oring, R.N. Those who took the course included the following volunteers, who have since been assigned to 16 ward and clinic areas:

Marjorie Ball, Maria Cardoso, Marie Carr, Barbara Engels, Marjorie Fox, Elizabeth Francis, Jean Gorman, Jane Hamilton, Mary Hoban, Jean Holters, Ruth Hunt, Lilli Jaffe, Rose Marie Kirkwood, Elsie Liron, Miriam Merritt, Helga Newmark, Rosemary Pascal, Faye Sandler, Ruth Saul, Joan C. Westermeyer, Susan Whealdon, Isabel Wolfe and Barbara Yoder.

The course consisted of lectures, demonstrations and practice in simple nursing care as well as escort and messenger duties.

United Hospital Fund Elects William J. Wardall



Mr. Wardall

The election of William J. Wardall to the Board of Directors of the United Hospital Fund has been announced by Henry C. Brumie, president of the Fund. Mr. Wardall is a trustee of the Hospital and a director of Best Foods, Inc., the Irving Trust Company, McKesson and Robbins, Inc., Sylvania Electric Products, Inc., and the Western Union Telegraph Company. He is also a trustee and past president of the Society of St. Johnland, King's Park, New York.

Presbyterian's Contribution to Greater N. Y. Fund Tops Goal

Presbyterian Hospital has gone "over the top" in its response to the Greater New York Fund's 1956 drive. Contributions from our personnel reached a total of \$6,051.57, an increase of nearly 10 per cent over last year's record.

As one of the 425 agencies which benefit from the Fund, Presbyterian is grateful to the more than 80 per cent of its personnel who contributed, and proud of the fine work done by its department representatives in helping to make this year's campaign so successful.

Stethoscopia

WEDDING BELLES: The Pauline A. Hartford Chapel was the scene of Evelyn Ayash's wedding to Robert Roll on June 23rd. Mrs. Roll was formerly a social worker in the Eye Clinic. Married on the same day was Ann Marie Keane, head nurse for Babies Hospital 8th floor, to Harry Charles Wagner.

Stethoscopia has just received belated news about the marriage of the former Gertrude Forand, floor control, N.I., who became Mrs. Michael Kilgallen on April 28th. Mr. Kilgallen is employed by the Manhattan Iron Works.

Madeline E. A. Maurer, R.N., an assistant head nurse in Babies Hospital 8th floor, and Thomas Andrew Mutch plan an autumn wedding. **Cassandra Goss**, 1st year nursing, is engaged to Lt. Charles Sprague Simonds of Brookline, Mass.

Back in the news once more is **Bertrand Wray**, Chief of Protective Department and Mayor of Mount Kisco. Mr. Wray was named "Aqua Father of the Year" at the Flushing Aqua Show on Father's Day.

Four baby girls joined families of Medical Center personnel at Sloane Hospital during June: Patricia Anne was welcomed into the family of **Edward Murphy**, Maintenance & Construction, on June 15; **Mrs. Muriel Reid** who was employed until recently as a social worker in N.I., greeted her first child, Rachel, on June 8; A daughter, Mary, was added to the family circle of **Leon Wooley**, Protective Department, on June 12; **Thomas McDermott**, a carpenter with Maintenance & Construction, is the proud father of Viola, who made her debut June 21.

COMING AND GOING: We were sorry to bid farewell to **Denise Dreher** who recently left the assistant treasurer's office here for the director's office at Roosevelt Hospital. Also switching hospitals is **Mrs. Ruth Seltzer** of Social Service, who is starting a new job at Beth Israel.

We welcome back Miss **Shirley London** to the Babies Hospital Social Service staff.

To keep the channels of communication open, here is the new address of **A/3C Robert Peloso**; AF 21 953 371, Box 55, 4th Air Police Squadron, A.P.O. 181, San Francisco, California.

Bidding the Medical Center family a fond but reluctant good-bye this month is **Louis Vorisek** who retired after 15 years of service with Maintenance & Construction. Mr. Vorisek is "going to let the future take care of itself," but hopes to visit us and say hello to former colleagues from time to time.

Jane M. Bundy contemplates a long vacation in the Alleghenies before arranging her future activities. Miss Bundy retired as an X-ray therapy technician in Harkness Pavilion Radio Therapy Department after 26½ years of service.

Nurses' Graduation

(continued from page one)

ber of the Hospital's Board of Trustees, while Miss Eleanor Lee, Director of Nursing, and Miss Helen Young, Director Emeritus, presented the pins.

The Commencement Exercises were followed by a formal procession to the lawn outside Maxwell Hall for the traditional "pinning ceremony." A reception for the graduates and their families and friends, the Nursing Faculty and the Nursing Staff was held immediately afterwards in Maxwell Hall.

The members of this year's graduating class came from 15 states and foreign territories, including such distant points as Guam, the British West Indies, and the Belgian Congo. Seventy-eight members of the class received Bachelor of Science degrees from Columbia University at the Commencement Exercises on June 5, while 11 more hold degrees from other colleges and universities. Fifty of the 101 new graduates have returned to Presbyterian as members of its Nursing Staff.

In Memoriam

Vanderbilt Webb, a member of the Corporation of Presbyterian Hospital, died on June 17 in Harkness Pavilion at the age of 65. From 1924 until 1934 Mr. Webb was a member of the Board of Managers of Babies Hospital. A graduate of Yale University, he attended Oxford University in England and received his law degree from the Harvard Law School in 1916.

For many years Mr. Webb was a law partner of the late Robert P. Patterson, former Secretary of War. He was attorney for the Rockefeller Foundation at the time of his death.

Dr. Franklin A. Stevens, 65, died in Harkness Pavilion on June 19. Dr. Stevens was an Assistant Attending Physician at Presbyterian Hospital and an Associate in Medicine at the College of Physicians and Surgeons. A specialist in allergic diseases, he had been head of the Medical Center's Allergy Clinic for several years prior to 1948.

Dr. Stevens was a graduate of the University of Iowa Medical School, Class of 1915, and was a member of the New York Allergy Society and the New York Society for Thoracic Surgery.

Dr. Jacob Shatsky, librarian at the New York State Psychiatric Institute for the past 25 years, died on June 17. He was 61 years old.

Dr. Shatsky, who was responsible for acquiring the personal library of Sigmund Freud for the Institute, was co-editor of the standard "Psychiatric Dictionary." He was also the author of many studies on Jewish history and for many years was a central figure in the Yivo Institute for Jewish Research.



Left: Before the ceremony — Nancy Claire Fixler, 1956, compares styles with 1958 class president, Eleanor Gardner. Miss Gardner is modeling uniform worn by first nurses to graduate from School of Nursing at The Presbyterian Hospital in 1894.



Formal procession marks beginning of graduation exercises.



Class of 1956 assembles in the garden.



Dr. Wilder Penfield, one of the world's foremost neurosurgeons, delivers principal address. His topic was "Allegiance."



Mrs. Frederic F. deRham presenting the diplomas.



Miss Lee comes through traditional diploma arch.

Two Presbyterian staff nurses proudly adjust caps for their graduating daughters. L. to r. are Mrs. Frank McGowan, Anne McGowan, Barbara Anne Sailer & Mrs. Edward Sailer.



Janet Mowry, class president, shows diploma to Miss Lee and Dr. Penfield. Other class officers in group are Mary Jane Reynolds, Ruth Ross, Sabra Dewey and Nancy Graham.



Retirements

(continued from page two)

Dr. Marks graduated from Syracuse University's College of Medicine and interned at Bellevue, returning as House Physician after service in the Army Medical Corps during World War I. A member of the staff at New York City Hospital since 1923, Dr. Marks has been an Attending Physician there for the past 15 years and has served as President of the Medical Board. He received his teaching appointment at the College of Physicians and Surgeons in 1920 and has been on the Medical Service at Presbyterian since 1934.

Dr. Sands

Dr. Irving J. Sands, Attending Neurologist and Associate Clinical Professor of Neurology, has pioneered in many phases of clinical neurology over the years, particularly in the treatment of epilepsy. He was publishing papers on this subject as early as 1921 and was the first person in the United States to use phenobarbital in treating it. Dr. Sands has written two books, *Abnormal Behavior and Neuropsychiatry for Nurses*, and has published more than 80 papers on various aspects of neurology and psychiatry.

Dr. Sands is a graduate of the College of Physicians and Surgeons at Columbia and had residences at Montefiore, Manhattan State and Bellevue Hospitals. He has been practicing neuropsychiatry since 1917. A member of the Neurology staff at Presbyterian since 1928, Dr. Sands is also an Attending Neuropsychiatrist at five other hospitals and a consultant at the Jewish Hospital and at St. Joseph's Hospital, Far Rockaway.

Dr. Sands served as a First Lieutenant in the Army Medical Corps during the First World War and was a Neuropsychiatrist for the Induction Board during World War II. He is a member of many professional and scientific societies, including the American Neurological, American Psychiatric and American Psychoanalytic Associations, the New York Neurological Society, and the Society for Forensic Sciences. A prolific writer, Dr. Sands is associate editor of the New York State Journal of Medicine and Chairman of the Kings County Medical Society's Publication Committee.

Dr. Chaney

Dr. L. Beverley Chaney, Attending Neurologist and Clinical Professor of Neurology, has served continuously at the Neurological Institute for 37 years, beginning as Resident in 1919. He was formerly Chief of the East Service at the Institute and Consulting Neurologist at Lutheran, Flushing and Booth Memorial Hospitals.

Dr. Chaney is president and a trustee of the Joseph Collins Foundation, which awards medical fellowships, and a member of the New York Neurological Society and

A Reminder —

Once again all Hospital personnel are requested *not* to use the Harkness Pavilion lobby as a thoroughfare. Too many of us use this as a short cut to other buildings or the parking lot. The Harkness administration requests that Hospital personnel use the side door when entering or leaving the building.

the Association for Research in Nervous and Mental Diseases.

Dr. Frocht

Dr. Maurice Frocht, Associate Attending Neurologist, is a native of Poland who came to this country in 1911. He served with the American Army in World War I and then enrolled at the University of Michigan, where he received his B.A. and M.D. degrees. After an internship at the Roxborough Memorial Hospital in Philadelphia, Dr. Frocht joined the staff of the Neurological Institute in 1929. He is also an Associate in Neurology at the College of Physicians and Surgeons and an Attending Neuropsychiatrist at Lenox Hill Hospital.

Dr. Frocht is a member of the Association for Research on Nervous and Mental Diseases, the American Psychiatric Association and the New York Neurological Society. During World War II he served as a neuropsychiatrist for the Induction Board and at present is Consulting Psychiatric to the District Attorney in Bronx County. His film on Adie's Syndrome, made in 1941, is still being used as a teaching film. Dr. Frocht is continuing his private practice and hopes to make a talking film on Aphasia "sometime soon."

Dr. Schroff

Dr. Joseph Schroff, Attending Dental Surgeon and William Carr Professor of Oral Surgery, was named as a consultant on June 30. Dr. Schroff graduated from the City College of New York in 1909 and was a research chemist for six years before taking the combined six-year medical and dental course at the College of Physicians and Surgeons. Dr. Schroff received his M.D. degree in 1920 and was a member of the first graduating class of the Columbia Dental School, receiving his D.D.S. in 1922. He did post-graduate work in oral surgery and allied subjects in Vienna.

Dr. Schroff was Associate Professor of Oral Pathology at the College of Physicians and Surgeons from 1923 until 1929, later becoming Professor of Oral Surgery. He is the author of *Fundamentals of Oral Pathology* as well as many papers published in medical and dental journals, and is a member of the New York State Board of Oral Surgery. Formerly an attending oral surgeon at Jewish Memorial and Mount Sinai Hospitals, he is now a consultant at both institutions as well as at Presbyterian.

Doctors' Doings

Dr. Emanuel M. Papper, director of Anesthesiology Service, has been elected a director of the American Board of Anesthesiology. Dr. Papper is a past president of the New York State Society of Anesthesiologists and of the Association of University Anesthesiologists.

To Dr. Algernon B. Reese the University of Buffalo's School of Ophthalmology gave its Howe Medal for contributions in research and clinical practice. The award was made at an annual dinner in memory of Dr. Lucien Howe who founded the Buffalo Eye and Ear Infirmary. The American Ophthalmology Society awarded Dr. Reese the national Howe Medal in 1950.

Dr. Stanley E. Bradley has been elected president of the American Society for Clinical Investigations.

John H. Rudd, Jr. Heads Food Service



Mr. Rudd

John H. Rudd, Jr., recently appointed Administrative Assistant for Food Service, brings a most unusual background to his new job at the Medical Center. A graduate of Notre Dame University with an A.B. degree, Mr. Rudd also has an L.I.B., a Master's degree and a Doctorate in Law from St. John's University. He is a member of the New York Bar Association and was formerly a practicing attorney.

As the son and grandson of hotel executives, Mr. Rudd grew up in the hotel business — so an administrative post at the Hotel Statler which called for legal training offered a happy combination of interests for him. He joined the Statler staff in 1939 and remained for 17 years before deserting it for the Medical Center. During that time he held a number of different jobs, culminating in responsibilities as Executive Assistant Manager and Catering Manager. In this dual role he handled a variety of legal matters, such as liability claims, as well as his other administrative duties for the hotel in general and its catering service in particular.

A native of Buffalo, N. Y., Mr. Rudd now lives in Jackson Heights with his wife, the former Eileen Mc Mahon, and their five children.

Dr. H. Houston Merritt, director of Neurology Service, was installed as president of the American Neurological Association at its 81st annual meeting in Atlantic City on June 19.

Dr. Landrum B. Shettles has been elected to active membership in the Harvey Society.

Dr. George F. Cahill was awarded the honorary degree of Doctor of Science by Columbia University at its Commencement Exercises in June.

Dr. Paul H. Hoch, New York State Commissioner of Mental Hygiene and Professor of Clinical Psychiatry, P & S, was named "Man of the Year" by the international Rho Pi Phi pharmaceutical fraternity for "outstanding leadership in the research and treatment of illness, and his dedication to the welfare of its victims."

Peregrinating Pediatricians: Dr. Rustin McIntosh, director of Pediatric Service, recently spent two months abroad, including four weeks in Greece—returning just in time to bid Bon Voyage to seven members of his staff. All seven, Drs. Conrad M. Riley, James A. Wolff, Charles L. Wood, Paul A. di Sant' Agnese, J. Taylor Howell, Harry S. Altman and Katharine K. Merritt, are in Europe for the 8th International Congress of Pediatrics which was held in Copenhagen July 22-27. Dr. Riley presented a paper on Familial Dysautonomia and participated in a symposium on Nephrosis, while Dr. di Sant' Agnese discussed new discoveries in Cystic Fibrosis of the Pancreas.

The Medical Center was also represented at the Canadian Neurological Society's annual meeting held in Quebec during June. Dr. J. Lawrence Pool, director of Neurological Surgery, presented a paper on "Cardiac (EKG) Changes During Intracranial Surgery — with Notes on the Vasomotor Innervation of the Circle of Willis and Cerebral Vasospasm."

Pearl Barland Joins United Hospital Fund

With mixed emotions of pride and regret, *Stethoscope* announces the departure of its former editor, Pearl Barland, who resigned from the Public Interest Department recently to accept the post of Press Assistant to the Public Relations Director of United Hospital Fund.

Miss Barland joined the Public Interest staff in December, 1953, as Editorial Assistant, eventually handling all of the Hospital's press relations as well as editing *Stethoscope*.

Miss Barland is a graduate of Hunter College. Before coming to Presbyterian she did reporting for several newspapers, including *The New York Times*, and was Assistant City Editor of the *Hilo Tribune-Herald* in Hawaii for two and a half years.



The Stethoscope

NEWS of the COLUMBIA PRESBYTERIAN MEDICAL CENTER

VOLUME 11, No. 7

SEPTEMBER, 1956

Center's School Doors Open— From First Grade to M. D.

School doors open this month at the Medical Center as they do elsewhere in the city. The Center welcomes over 1,300 students enrolled in courses leading to degrees and administered by the Faculty of Medicine of Columbia University.

But for many another student at the Center schoolrooms have not been closed. Indeed, the Center has so many students in so many different kinds of classrooms that it is hard to count them.

Not many are aware of the range of the educational facilities which The Presbyterian Hospital offers as a service to the community. These courses are in addition to the classroom instruction and on-the-job training which the Hospital gives its own personnel.

If all those receiving some kind of training at the Medical Center were to be counted—full- and part-time, credit and non-credit students, practicing physicians in postgraduate courses, residents, fellows, visiting scholars, etc.—the number would run to over 2,500.

Schoolrooms at the Hospital range from P.S. 401 X of the New York City school system, which brings classroom instruction to the bedside of hospitalized children, to a Spanish class taught by a volunteer and attended by personnel who want to be able to help our many Spanish-speaking patients.

Classes for expectant mothers are taken for granted nowadays—but Presbyterian thinks fathers-to-be need training, too, and gives a class for them. There's also a special twelve-week course

(Continued on page 2)

Clue To Rheumatoid Arthritis

Doctors at the Presbyterian Hospital have discovered a hitherto unknown reaction between a factor present in the blood of patients with rheumatoid arthritis and another factor in the blood of persons without the disease.

The reaction between the two blood components may provide what workers in this field have long been seeking: a major clue to the cause of this mysterious and often crippling disease.

Last month Dr. Wallace Epstein, a Presbyterian staff physician, said that the reaction he and his co-workers have discovered "may now make it possible for us to identify the rheumatoid factor present in the blood of persons with crippling arthritis."

(Continued on page 2)

General Biological Supply House, Lester Bergman, Manny Warman



Dr. Frank Stinchfield, Director, Orthopedic Surgery

New Radiology Resources Here Added by Dr. Harold Jacox

Newest of the medical sciences, radiology—which includes the medical uses of atomic energy—is also the field of most rapid present growth. Dr. Harold Jacox has steered the expanding functions of Presbyterian's Radiological Service for the past two years. As Acting Director, Dr. Jacox has added administrative responsibilities for the Service to his own active program as Chief of the Radiotherapy Division, a post he has held since 1947.

Under Dr. Jacox' direction the Service of Radiology has made substantial additions to its resources for both therapy and diagnosis. The largest of these is the 24-million volt Betatron, which delivers a sharply focused x-ray beam to deep-seated tumors. At the other end of the size scale is another therapeutic innovation, radioactive yttrium, applied in individually designed plastic molds and used to treat mouth cancer.

Additions to diagnostic equipment include a photofluorographic chest survey unit in Vanderbilt Clinic. Three new units were installed for

(Continued on page 2)

RHEUMATOID ARTHRITIS is an ancient disease; there is said to be evidence of it in the bones of dinosaurs. Ancient Egyptians used the autumn-flowering saffron, *Colchicum* (r.), to treat joint aches, and Colchicine is still prescribed for

Dr. Frank Stinchfield Appointed Director, Orthopedic Surgery

Dr. Frank Stinchfield, appointed Director of the Service of Orthopedic Surgery as of July 1, has put more of us back on our feet than is generally recognized. He is internationally known for contributions in his specialty, particularly in the field of reconstruction of damaged joints. Dr. Stinchfield succeeds Dr. Alan DeForest Smith, who retired.

An active man who starred in college football, Dr. Stinchfield found it hard to accept crippling for anybody as a medical fact. As a third-year medical student he chose this kind of surgical repair, with the hope that he might someday be able to do something about persons afflicted by orthopedic disabilities.

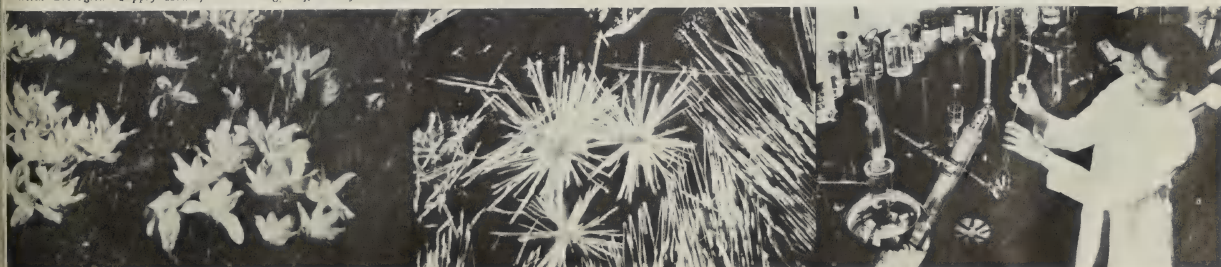
By 1947 he was doing a lot about them, as Medical Director and Orthopedic Surgeon-in-Charge of New York's famed Institute for the Crippled and Disabled, with which The Presbyterian Hospital is affiliated in providing a comprehensive rehabilitation center. He brought to the job the rigorous experience of four years of wartime service as a Colonel in overseas orthopedic hospitals.

Dr. Stinchfield was born in Warren, Minnesota and attended Carleton College and Northwestern University Medical School. He was resident in Presbyterian's fracture service in 1936-37 and joined the Hospital staff in 1941 as an assistant attending surgeon.

A typical Stinchfield day may begin at 7:30 a. m. with a major surgical procedure requiring four or five hours of uninterrupted work and may not end until he has made his last rounds as late as 9:30 p. m. Somehow there is also time for research. For example: he noticed that bone healing seemed retarded in some postsurgical cases where the patient had been receiving anticoagulants for thrombophlebitis. A few months ago he reported an experimental animal study that corroborates this retarding effect and may change the use of these drugs following orthopedic surgery.

Dr. Stinchfield, whose resistance to press notices is extreme, once unwillingly made headlines when he was flown in former President Truman's plane to treat King Ibn Saud of Arabia.

gouty arthritis. Camera makes garden (center) of crystals of cortisone, which Kendall and Hench first used to treat arthritis. At right, Ellin James, Center technician, performs one step in analysis of rheumatoid blood factor.



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REPORTERS

Accounting—Helen Hockenberger. *Anesthesia*—Ida Kauderer. *Chaplain*—Robert B. Reeves, Jr. *Graduate Nursing Staff*—Patricia O'Hara. *Housekeeping*—Rosina Wallace. *Laundry*—Mary Whisky. *Library*—Y. B. McKnight. *Mary Harkness Convalescent Home*—Ann Parsons. *Nurses Aides*—Mary Ryan. *Buildings and Grounds*—Margaret Mucilli. *Edith Hinkle, Robert Williams, Orderlies*—Fred La Porte, P&S—Gerard Merson. *Physical & Occupational Therapy*—Helen White. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Elka Fink (N.I.), Adelaide Vrooman (B.H.), *Vanderbilt Clinic*—Sophie Fields, Calvin Hatcher.

New Eyes for the Needy

Your discarded eyeglasses and unwanted metal scrap may bring the gift of sight to those who can't afford the eye aids they need.

New Eyes for the Needy is a unique organization that turns metal scrap into money to buy new glasses or artificial eyes for those who need them. Even used lenses are re-tested for possible use, and simple corrections for near-sightedness and far-sightedness can often be passed along by medical missionaries. Some 1,800 pairs of used sunglasses are now shielding the painfully light-sensitive eyes of lepers at a colony on Okinawa.

Funds from *New Eyes* have paid for \$12,000 worth of sight aids for Vanderbilt Clinic patients over the last seven years.

Let's do everything we can to help this fine work. Bring your used glasses and any metal you can spare to the following collection points:

- ♦ Protective department information desk (basement, Babies Hospital)
- ♦ Attending doctors' locker room (at bulletin board, first floor PH).

Arthritis Clue

(Continued from page 1)

The reaction was reported at the annual meeting of the American Rheumatism Association by Dr. Wallace Epstein and Dr. Charles Ragan of the Presbyterian Hospital staff, and Dr. Alan M. Johnson of the Westminster Hospital, London. They reported on research just completed here in which Dr. Johnson participated.

The reaction between an unidentified factor in arthritic serum and the gamma globulin fraction of normal blood is much like the test-tube precipitate formed when many known antigens are diffused into antibodies.

Where rheumatoid arthritis exists, however, normal gamma globulin may act like an antigen. Some constituent of the arthritic patient's serum then plays an antibody-like role, the Presbyterian workers believe.

This is a working hypothesis, and the doctors emphasize that "immunologic proof of such a relationship does not at present exist."

But the probability of such a re-

Rising Man and Volunteer

For Jack Knoll, patient in the Eye Institute, life's ups and downs have been a good deal sharper than for most of us. At 64 he is an active member of a dwindling and distinguished profession: he is a steeple-jack.

The son of a steeple-jack, Mr. Knoll began climbing at the age of



12½. He loves the risks, the fresh air and the view. Although at various times he has smashed almost every bone in his body, he says he has never known fear—or even pain. "My father brought me up to

look straight at whatever I might be afraid of, and to put pain aside."

Mr. Knoll may hold a kind of record for hospitalization (a total of 380 days in six hospitals), but he has never been resigned to lying down. A man who placed the bright lights on Broadway's highest signs finds it hard to stay in bed. Thus his tendency to rise above wherever he finds himself has got him out of bed and into a Presbyterian laboratory where he volunteers for hours in elaborate headgear (see cut) while Dr. Graham Clark runs tests on a new device for measuring eye movements (see future issues for a report on Dr. Clark's research).

relationship is one more piece of evidence supporting what many investigators have long suspected: rheumatoid arthritis may be the result of an allergy-like hypersensitivity in the body tissue of those who succumb to it.

The hypersensitivity hypothesis fits in with what physicians know: if the patient can be helped to lead what Dr. Ragan calls "a life of equanimity," he may find protection against rheumatoid arthritis. It also fits in with the dramatic, although temporary, relief many rheumatoid arthritic patients get from cortisone-like chemicals—the new synthetics which have activity like certain hormones secreted by the cortex of the adrenal glands.

In Memoriam

Trustee Carl Tucker died at his home in Mt. Kisco on July 29. He was 74 years old.

A Yale graduate, Mr. Tucker began a long career of community service in 1916 as a member of the board of Babies Hospital. When that Hospital became a unit of Presbyterian, Mr. Tucker became a vice-president of the Board of Trustees of The Presbyterian Hospital. He continued to contribute to the development of the Hospital throughout the rest of his life, becoming an honorary member of the Board of Trustees.

He had also served as president of the Northern Westchester Hospital, became president of the Westchester Children's Association in 1941, and was serving that Association as honorary chairman at the time of his death.

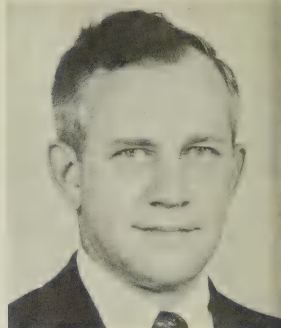
Mr. Tucker is survived by his wife, the former Marcia Myers Brady, and by two sons. The Rev. Luther Tucker is rector of the Indian Hill Church outside Cincinnati, one of the few combined Presbyterian and Protestant Episcopal churches in the country. Mr. Carl Tucker, Jr. is publisher of the Mt. Kisco Record.

Mrs. Leah Ursula Bradt Squier, widow of Dr. J. Bentley Squier, died on August 9 at the age of 80. Throughout her life Mrs. Squier had a deep concern for charitable and welfare activities. She was a member of the Corporation of The Presbyterian Hospital and an associate member of the Women's Auxiliary.

Dr. Squier, who directed the Urological Service until his retirement in 1940, was one of the world's foremost urological surgeons. The Hospital's Squier Urological Clinic is dedicated in his memory. Surviving are a son, J. Bentley Squier, Jr., and a daughter, Mrs. Otto B. Reimer.

Dr. Michael H. Teitelbaum, associate attending neurologist, and a member of the Presbyterian staff since 1948, died in Harkness on August 10 after a long illness. During World War II Dr. Teitelbaum served as chief consulting psychiatrist in the European Theater of Operations. Born in Montreal, Dr. Teitelbaum received his medical degree at McGill University. He served at the Manhattan State Hospital, Bellevue and Kings County Hospitals before joining the Presbyterian staff. Surviving are his widow, the former Miss Bertha Breslaw; a son, Stanley; two daughters, Mrs. Enfd Eporn and Mrs. Diane Wolf.

When Dr. Virginia Van Geyt, now a medical missionary in India, wrote to friends here she got unexpected answers: from personnel in nursing, assistant pediatrician. The answers were all personal gifts to help meet the lack of medical supplies Dr. Van Geyt found in her work in India.



Dr. Harold Jacox, Chief, Radiotherapy

Dr. Jacox

(Continued from page 1)

laminography—white means taking an x-ray picture of a body section that may be not more than 1/16 in. thick.

All these new instruments helped the Service provide diagnostic services for 124,828 patient visits and 18,543 treatments last year.

While directing this expansion both of clinical facilities and of the program of the radiological research laboratory, Dr. Harold Jacox also continued his own studies of the effect of radiation on bone. With the appointment of a Service Director this month, Dr. Jacox will be free to give more time to his first interest: widening the boundaries within which radiation can be safely and effectively used to treat malignant growths in the various structures of the body.

Last month he reported to the Eighth International Congress of Radiology in Mexico City on a rare cancerous condition that is remarkably responsive to radiation treatment: cancer of the urethra.

School Doors Open

(Continued from page 1)

in obstetrical nursing which has helped many a foreign-born nurse meet registration requirements in the United States. And the Hospital uses its special resources in orthopedic and neurological services and in the care of premature infants to provide programs for graduate nurses who want to equip themselves for patient care in these fields.

Some 235 residents and 28 internes are in Hospital posts that will start them on the road to practice.

The Hospital's largest in-service training program for its own personnel is offered by the Nursing Service. This includes classes for graduate staff nurses, licensed practical nurses, nursing aides, and attendants.

Sometimes those taught by Presbyterian come back to help teach others. Former residents, practicing in the suburbs, are frequent weekly volunteers in the group clinics, where they help in teaching fourth-year medical students. These alumni find teaching a good way to keep in touch with the new facts that Center research constantly adds to clinical practice.

Erin Calls Four PH Members, Army Others

AMERICANS ABROAD: Among them are three members of the hospital family now renewing home ties in their native Ireland. BEATRICE LYNCH (BH-14) is on leave of absence to visit her birthplace in County Leitrim . . . MRS. DELLA KEANE (Laundry) is revisiting her home town in County Clare . . . And MRS. LENA MCGRATH (Laundry) is seeing her folks in County Monaghan.

Just back from Ireland, England, Wales is ELIZABETH R. CALLAHAN, unit manager of Babies Hospital. Miss Callahan made her headquarters with her uncle, Edmond O'Regan, at—take a deep breath—Rossbane, Ballyagran, Limerick, Ireland. Touring the coast, she stopped at such places as Glengariff, Kilkee and Killaloe.

NANCY MOLES, O.R. nurse, (PH-18) is making the Grand Tour in ten weeks — Scotland, England, France, Austria, Germany, Switzerland, Italy.

Speaking of Ireland (as we were a couple of lines ago), GERRARD CASSIDY recently arrived from Clomeny in Donegal County and is on the job in our Collection Department. Hopes to bring his family here soon.

MARRIED: DR. ADELE O. DELLENBAUGH (assistant pediatrician in Babies Hospital) and DR. FREDERICK G. HOFMANN (P&S assistant professor of pharmacology and a Markle Scholar in Medical Science) in Mt. Kisco, N. Y., July 28.

ENGAGED: DORIS SEILER (2nd year nursing) to Howard Rusk, Jr. who's entering George Washington University Medical School . . . LYNNE GERTRUDE GARRICK (2nd year nursing) to William Jannen, Jr., Columbia Law student . . . F. JOYCE LINDSAY (secretary to Dr. Arthur H. Blakemore and Dr. Arthur B. Voorhees, Jr.) will marry J. Harry Wolf, Jr., in the autumn. He's a chemical engineer with Arabian American Oil Company.

BORN: To Dr. and Mrs. ERNEST SALANTIRE (anesthesiology), their their second daughter, Laura, at Harkness Pavilion, July 19.

SWORN: The Army, Navy and Air Force each took a member of the Medical Center family in July. Their new addresses: A/B JAMES V. CAMPION, Flight 660 PO Box 1524, Lackland Air Force Base, San Antonio, Texas; CHARLES F. DUFFY, EFSA, 492-02-14, Box 402, ET "A" School, SSC, USNTC, Great Lakes, Ill.; Pfc. THOMAS J. ROONEY, US 51 332 290, 28th B.P.O., APO 82, N. Y., N. Y. EDEN BITZER, honorably discharged, is back as attendant in Nursing.

RETIRED: The Nursing Service lost one of its stalwarts, MARGARET COLLINS, last month. If Margaret lets us know, we'll let you know something about her plans.

Vacations End: Everybody's back with suntans, good photos



Mary Chamberlin, secretary to the Vice-President and General Manager, was unexpectedly entangled by some Frontierland atmosphere at Disneyland.



Eugene Mozzillo, radio and TV specialist in Maintenance and Construction, walked through the dead city of Pompeii with his sister, Mary, and his fiancée, Zeffira Marsilio.



Eileen Morris, office of the Assistant-Secretary-Treasurer, sunned on the California side of Lake Tahoe, also saw Yosemite, Carmel, coastal cities.



Kenneth Tuxbury, Insurance Unit, worked on the 1864 schoolhouse in Winchester, N. H., which he is remodeling as a summer home.



This one got away (from the camera, anyhow) but plenty of others didn't when Special Officer Gerald Fife fished off Southold, L. I.



At the foot of the Pilgrim Monument in Plymouth, Massachusetts are (l. to r., above) Ann Salga, secretary, Sloane, and Marion Trilling and Sigrid Johnson, both of Record Department. Photo by Johanna Nolan, also of Record Department.

Rosemary Newland, secretary to Dr. James McCormack, traveled to Canada's cool Laurentians, where she found a canoe on a mountain lake.



Amelia Murray, third-year student in the School of Nursing, found a cooling spot in West Virginia.

Electrogastrograph: new aid in stomach diagnosis may find cancer at early stages

Arthur Schatz, Black Star

An instrument that may do for the stomach what the electrocardiograph has done for the heart is being developed by a research team at The Presbyterian Hospital. The instrument, which detects and records the electrical activity of the stomach, is called an electrogastrograph.

Dr. Edmund N. Goodman, who was the first to propose this instrument as an aid to diagnosis of the ills of the stomach, is now leading a research team in a major step in identification of the minute waves of electrical activity his team has been recording for more than a decade.

When Dr. Goodman can say exactly how the peaks and troughs of his red-inked graphs reflect the work of the normal stomach, he may also be able to say something even more important—what does the electrical record of a cancerous stomach look like?

If the record of electrical activity in a stomach attacked by a cancerous growth is distinctively different in pattern from that of a normal stomach—and Dr. Goodman believes that it is—we may have a cancer detection instrument that will change the outlook for this disease.

The electrogastrograph may make it possible to detect malignant tissue changes in the stomach earlier than the x-ray or any other present means of diagnosis. Even if this possibility is not fully realized, the EGG could be used as an economic screening device, helping the doctor select doubtful cases for study by x-ray and other means.

The U. S. Public Health Service, which selectively blesses with federal dollars research it considers promising, has just approved a three-year grant to help the Goodman team continue these studies.

Three Waves Per Minute in Stomach of Man

It took Willem Einthoven ten years to identify the wave patterns traced by electrical deflection of his magnetized quartz string and produced by the contractions of the heart muscle. But today's investigators of the electrical changes of the stomach might point out that at least Nobel Prizewinner Einthoven knew what he was trying to measure.

There is no such clarity about the stomach at work. From Pavlov's pouch to Cannon's explorations with newly discovered x-rays, from Beaumont's famous patient who lived for years with an opening in his stomach to Alvarez' early records of gastric electrical activity, there have been many brilliant attempts to describe the mechanics of stomach action. Most have agreed that peristalsis, the wave-like motion that pushes food through the digestive tract, occurs at the rate of three large waves per minute in the stomach of man. But as these three-per-minute contractions in the stomach wall move down the organ, they are joined by many smaller contractions of the stomach muscle. Thus their pattern will be different in different parts of the stomach.

Emotion Can Speed Up or Stop

Pain and strong emotion may have unpredictable effects on peristalsis: sometimes the waves may be speeded up, sometimes they seem almost paralyzed. Peristalsis goes on even when the stomach is empty—in fact, its sharp deep waves are what we know as hunger pangs.

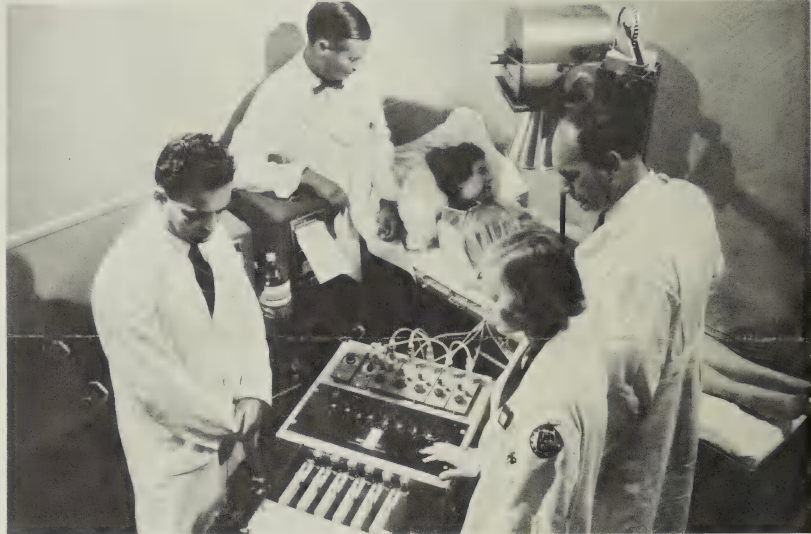
As if all this were not enough of a puzzle, the deeply folded wall of the stomach is lined with millions of minute glands, each one secreting enzymes that carry on the chemical steps of digestive breakdown of the protein foods.

All these unknowns of stomach function have unknown effects on the waves of electrical activity picked up by the minute electrodes brought into contact with the interior wall, or mucous

ELECTRONIC ENGINEERS like George B. Katz are an essential part of many of today's medical research teams. The electrical changes that occur in the stomach are very small: they amount to only a few millivolts. The great amount of present research into electrical activity in almost every part of the body depends on amplifiers very much like those in your television set. Amplifiers pick up incredibly small electrical signals and raise them—as many times as required—to whatever voltage is needed to produce a given display or record.

Mr. Katz designed this instrument, using amplifiers taken from a standard electroencephalograph (brain wave) unit. To bring the voltages detected in the stomach to the point where they could be fed into these amplifiers, he built a special set of pre-amplifiers.

Once amplified, the electromotive forces emanating from the stomach are carried as electrical currents to operate six writing arms. Each arm provides a red-ink record of the amplitude and frequency of the electrical changes picked up by each stomach electrode.



RESEARCH TEAM developing the electrogastrograph includes (l. to r.) Dr. Henry Colcher, who like Dr. Goodman can draw upon years of clinical familiarity with diseases of the stomach in interpreting the patterns of the electrogastrogram; Dr. Edmund Goodman, who began work on the electrogastrograph more than two decades ago while studying with some of the great British physiologists; Miss Carolyn Dangler, technician, who operates the instrument; Mr. George B. Katz, electronic engineer, who built the new, six-electrode gastrograph in six months.

The patient swallows a small balloon to which six electrodes are affixed. These are brought into contact with the interior wall of the stomach. Another electrode is strapped to the patient's right forearm. Electrical change in the stomach is measured as a difference in potential between the inside stomach wall and the skin of the forearm.

membrane, of the stomach. Nevertheless, in years of testing normal stomachs Dr. Goodman's team has been able to obtain over 1,000 records, each of which shows a basic pattern of three waves per minute. These waves are believed to reflect the contractions of normal peristalsis.

In examining the records of electrical activity in stomachs later found to be cancerous, the Goodman team found a markedly different pattern in a number of these. In some, the normal contractions of peristalsis seemed to be almost absent—in the electrical record the three-per-minute waves could not be seen. In others, the graph traced long flat periods of inactivity, followed by brief sharp bursts of contractions.

The researchers recorded their findings; later the presence of cancer was established in 70 per cent of these cases by operation or other means. But 70 per cent success in cancer detection does not satisfy Dr. Goodman, who, like every good doctor, thinks in terms of each single case, and not of a statistical majority.

Last month the team installed new instrumen-

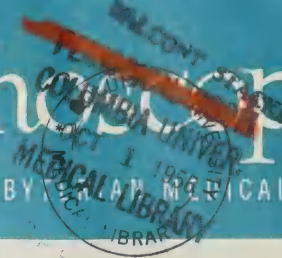
tation which provides for six electrodes or leads, each one brought into contact with a different part of the stomach. X-rays are used to trace the exact location of each electrode. (This is a research technique only; when the instrument is perfected and ready for routine clinical use, x-ray location-checking will not be necessary. Thus the instrument may help to cut down the amount of x-radiation to which patients are exposed.) The multi-electrodes make it possible to show activity in the various parts of the stomach.

"So far there is no doubt that electrical activity differs in the different parts of the stomach," Dr. Goodman says. "We are finding patterns that are specific to the location of the electrodes. But these specific patterns are in turn showing the over-all characteristics that we have found to be diagnostic in our single electrode series. When we have completed a series of these multiple recordings and have correlated them with our earlier work, we may be able to say that the electrogastrograph is a new diagnostic instrument of major usefulness."



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER



VOLUME II, No. 8

OCTOBER, 1956

Dr. Seaman, New Director of Radiology Service, Known for Diagnostic Research

Dr. William B. Seaman, appointed director of the Radiological Service of The Presbyterian Hospital as of September 1, commands a field of knowledge whose boundaries are widening faster than any other medical specialty. Although he is known for contributions throughout this broad field, Dr. Seaman is primarily a diagnostic radiologist. He is one of the men whose work has made it possible for physicians to look into the hidden, vital parts of the body: the tiny blood vessels and deeply folded lobes of the brain, the inner chambers of the heart.

Dr. Seaman comes to Presbyterian from Washington University School of Medicine at St. Louis, where he was Professor of Radiology. He succeeds Dr. Ross Golden, who retired. He has been appointed also as Professor of Radiology and Executive Officer of the Department of Radiology of the College of Physicians and Surgeons of Columbia University.

A graduate of Harvard Medical School, Dr. Seaman was a pre-medical student at the University of Michigan. He interned in surgery at Billings Hospital, University of Chicago, before leaving to join the Army Air Force. He served as a Flight Surgeon throughout World War II, with the rank of Major.

During the war, Dr. Seaman found his interest shifting to radiology, a field growing at a literally explosive rate. He was attracted not only by the new instruments that the atomic piles, the cyclotrons, and the betatrons were putting in the hands of the radiologist, but by the remarkable extent to which this specialty tracks the length and breadth of the entire practice of medicine.

Dr. Seaman has made many contributions to the medical literature over the last seven years. His investigations have resulted both in contri-



Dr. William B. Seaman

butions to diagnostic technique and in re-evaluation of techniques in use. His research reports reflect the breadth of his interests. They range from the use of radio-active gold to x-ray detection of congenital flaws in the heart or blood vessels of the newborn, and include electron microscope studies of the irradiated thyroid gland.

A tall, rangy Middlewesterner with an engaging smile, Dr. Seaman could double for the hero in your favorite western movie. He likes to play the piano and work in his garden when he has time, lives in Tenafly, N. J., with his wife and two younger children. His older son is in the army working with guided missiles and plans to be a physicist.

Two Nurses Here Win State Scholarships

Miss Virginia Shea, a general duty nurse in PH 9C, and Miss Vaughn Lainhart, assistant head nurse, Babies Hospital, have won two of the 30 New York State scholarships for advanced study. Some 500 nurses competed for the scholarships, worth \$750 each.

Miss Shea will seek an M.A. and Miss Lainhart, a B.A. in Nursing Education.

5,000 Want Reprints of Dr. Atchley's Article

The *Atlantic Monthly's* lead article for August, "The Changing Physician," by Dana W. Atchley, M.D., is still bringing requests for reprints, according to the editors. The figure so far: more than 5,000.

Says Emily P. Flint, managing editor: "The interesting thing about these requests is that they come from all sections of the country and the requests have been for five or fewer reprints. It is easy enough to pile up batches of 1,000, but 5,000 three or four to a customer is quite another matter."

Dr. Atchley is Professor of Clinical Medicine at P&S, and Attending Physician at PH.

Volunteers Offer Translating Service In 21 Languages

Where in the world do The Presbyterian Hospital's volunteers come from?

From all over the world, a check of their birthplaces shows. As a happy result, the Hospital's human resources have been enriched by a U.N.-like group familiar with languages ranging from Czechoslovakian to Cantonese.

So far this year, 68 persons from 26 foreign countries have been among those translating, interpreting or otherwise giving their time and effort to the Medical Center. These "international ambassadors of good will" speak 19 different languages.

In addition, there are 92 U.S.-born volunteers able to speak a foreign tongue or two. This brings the linguistic corps up to 160 and the language total to 21.

Volunteer-linguists are often called on to interpret for doctors or nurses dealing with patients unable to speak English. Foreign-language letters received by doctors here are translated by volunteers at the rate of almost a score a month.

(Continued on page 2)

School of Nursing Opens, Registers 366, "Boom" Year, 1945

The School of Nursing (Department of Nursing of the Faculty of Medicine, Columbia University) opened last month with a registration of 366 students—largest since the "boom" war year of 1945 (when the total was 369).

There are 131 members of the first year class ('59). Three graduate students registered for the program in Maternity Nursing leading to an M.S. degree.

The Class of '59 includes 21 college graduates, seven more than a year ago. These students will complete the program in 28 months. Eleven class members are related to

PH or P&S graduates. They are Janet Baird, Carol A. Carter, Helen C. Christiana, Margaret Croke, June Hagen, Barbara Look, Avis Nenninger, Mary A. Newman, Mary Wesson, and Ann Wilcox.

Geographically, the Class of '59 represents the Canal Zone, Puerto Rico, Washington, D. C. and 15 states including Maine and California.

Among the Center's other educational institutions opening last month were the School of Medicine with a first year class of 120, the School of Dentistry with 40 and the School of Public Health with 95.



BEDSIDE SCHOOL: Just as it did for the other kids, school started last month for Edward Gaffney, a patient in Babies Hospital. Assisting the boy in an orthopedic problem is Miss Eva Beer, recreational therapist. Three city teachers are assigned to the bedside and other classes for children here.

REPORTERS

Accounting—Helen Hockenberger, **Buildings and Grounds**—Margaret Muccilli, Edith Hinkle, Robert Williams, **Chaplain**—Robert B. Reeves, Jr. **Elevators**—John J. Callahan, **Graduate Nursing Staff**—Patricia O'Hara, **Housekeeping**—Rosina Wallace, **Laundry**—Mary Minsky, **Library**—Y. B. McKnight, **Mail & Messenger**—John J. Campbell, **Mary Harkness Convalescent Home**—Ann Parsons, **Nurses Aides**—Mary Ryan, **Orderlies**—Fred La Porte, **P&S**—Gerald Merson, **Physical & Occupational Therapy**—Helen White, **Protective**—Edwin H. Behlmer, **Purchasing**—Gerard Walker, **Record**—Marion R. Trilling, **Social Service**—Elka Fink (N.I.), Adelaide Vrooman (B.H.), Clare Yoder (P.H.), **Telephone**—Margaret Buckley, **Vanderbilt Clinic**—Sophie Fields, Calvin Hatcher.

PHOTO CREDITS: Bedside school, Martin Iger; Miss Saxby by Bruno, page four by Black Star; all others by Manny Warman.

Six Teams Here Active In Hospital Fund Drive

Six teams here are taking part in the United Hospital Fund's 1956 (and 77th annual) campaign which starts this month. The goal is \$3,500,000 and Presbyterian is one of 80 voluntary, non-profit hospitals sharing in the Fund.

Last year, the teams — joint professional, trustees, and the auxiliaries of Presbyterian Hospital, Neurological Institute, Babies and New York Orthopaedic — collected \$199,942 from donors in the metropolitan area. An effort just as extensive is planned for this year's campaign.

The team chairmen are: Dr. Henry S. F. Cooper, joint professional; Mr.

Thatcher M. Brown, Jr., trustees; Mrs. C. Redington Barrett, Presbyterian; Mrs. William S. Davis, Neurological Institute; Mrs. Edward H. Gerry, New York Orthopaedic, and Miss Dorothy Mills, Babies Hospital.

Three-fifths of all the ward and clinic care given to the medically needy in New York City last year was provided by the voluntary hospitals. These hospitals spent about \$76,500,000 in 1955 for ward and clinic services. United Hospital Fund's chief aim is to help meet some of this expense by raising funds for the free and below-cost care given the community.

Dollars for Research (700 of Them) Presented by Nursing Class of '57

Dollars for research were the result of some imaginative fund-raising by the Class of 1957, School of Nursing. Doreen Kolditz, class treasurer, presented a \$700 check to the Department of Ophthalmology in support of Dr. Graham Clark's studies of retinal detachment in the human eye. The sum will be used to defray the expense of experiments in the mechanism of transplanting vitreous, the gelatinous substance filling the major cavity of the eye.

Experimental studies now getting underway will attempt to produce retinal changes in an animal eye by use of a vitreous transplanted from a human eye where a detachment was present. Related studies will attempt to uncover the causative mechanisms in the vitreous. A considerable amount of support for this project has also been given as contributions from former Eye Institute patients, treated for retinal detachment.

The class raised \$1400 at a "Wide, Wide World" bazaar, held at Maxwell Hall and including a Rathskeller, international dancers, foods of many lands, aquashow. Dolores Kilgore was bazaar chairman. "We are very grateful for the support of many friends throughout the Medical Center," Miss Kilgore said.

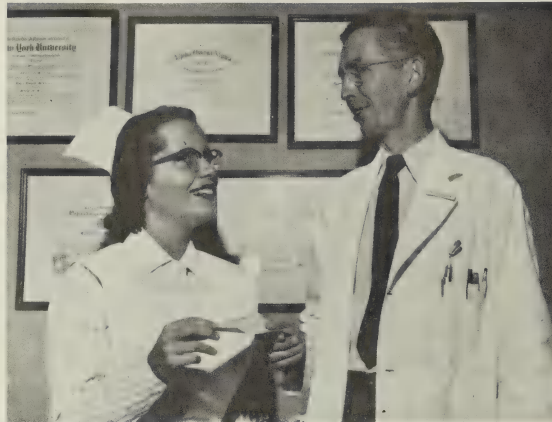
New Postoperative Sling Time-Saver for Nurses

A postoperative sling is a one-piece device for suspending the arm and applying ice bags after surgery of the hand or forearm. The sling is the design of Miss Florence Doumar, R. N., M. A., head nurse, Men's Orthopedic Ward.

Now in use on the Orthopedic Service here, the sling is more comfortable for patients than the improvised equipment formerly used and it's a big time-saver for nurses.

The *Journal of Bone and Joint Surgery* published a paper by Miss Doumar describing this sling.

Presbyterian Hospital's 24-million volt betatron in its first 12 months of operation provided 3,082 treatments.



SUPPORT FOR RETINAL STUDY: Miss Kolditz presents check to Dr. Clark. The Nursing Class of 1957 is also donating \$500 to send a student representative to the International Council of Nurses in Rome next May and \$200 to the Columbia Bicentennial Fund for the Helen Young Seminar Room.

Volunteer-Linguists

(Continued from page 1)

Among those providing such services this year have been Mrs. Olga Zarganis, who speaks Greek; Mrs. Diamantine Helms and Miss Ann Rindlaub, French, and four conversant with Spanish, Mrs. Juanita Mirayes and the Misses Lucia Verde, Pat Burbano and Olga Pineda.

German is the most popular language; 46 volunteers can speak that tongue. Spanish is next with 38, followed by French, 31; Italian, 15; Greek, 14; and Russian, 4. Among the languages spoken by at least three volunteers are Chinese, Czechoslovakian, Dutch, Hungarian, Polish, Portuguese.

In Memoriam

Mrs. Elizabeth Zimmermann, a housekeeper in Babies Hospital for 14 years until her retirement last May, died July 7 at her home, 9 Cabrini Blvd., New York.

A popular member of the hospital family, Mrs. Zimmermann had been given not one, but two farewell parties by her many friends here.

Dr. Victor Torres Saves "Super" in Apartment Fire

Superintendent Ewald Schaefer returned to his Riverdale apartment to find his TV set had not only "warmed up" during his absence but had also caught fire.

Failing in an attempt to put out the flames, Schaefer started for the door. Before reaching it, he fell, overcome by the dense smoke.

As passers-by turned in a fire-alarm, a tenant in the building, Dr. Victor Torres, (assistant dermatologist in Vanderbilt Clinic) raced into the apartment, dragged the victim to safety and administered aid. Firemen presently got the flames under control.

Stamp Club Reconvenes

The Stamp Club here, which by the way has the "welcome" mat out for new members, is back in business. Its first autumn meeting is scheduled for 7 p.m. October 10 in the Milbank Library.



VOLUNTEER IN ACTION: Mrs. Paquita Kevel, (standing) one of our more than 150 volunteers conversant with a foreign language, acts as interpreter for a Spanish-speaking patient and Dr. John C. Henderson, a member of The Presbyterian Hospital's house staff. An effective interpreter must often be familiar with medical terminology as well as the language in question.

STETHOSCOPIA: Wedding Bells, Travel News, Other Notes on the Hospital Community

RETIRING THIS MONTH: MRS. MARY HODGE, an attendant in the Neurological Institute kitchen. Here more than 13 years, Mary says she looks back "with many pleasant memories of my work and my friends."

Any plans? "Well, I'm looking forward to enjoying the antics of my four-year-old nephew and helping with the growing up problems of my 14-year-old niece. Both of them live with us."



Mrs. Mary Hodge

WEDDING BELLS rang for DOLORES MACDONNELL, VC-2 file clerk, and James Hostomsky on August 25 . . . Drew University's Craig Chapel was the scene September 3 of the wedding of MARGARET SCOTTON, R.N. (3d Nursing) and James A. Hill of Prudential Life . . . Mr. and Mrs. VICTOR BENCINI (Mrs. B is the former Margaret Hauth, housekeeper in BH) have returned from an Asbury Park honeymoon and are living in Staten Island.

Back from a wedding trip to California are GERALD MERSON, technician, Cancer Research, and Ruth Lee Weiss. They've found an apartment only two blocks from the Medical Center. Ruth is a designing woman — a textile designer, that is — and she's an excellent cook, if you can take the word of a husband of just two months.

BERTRAND P. WRAY, Security Director, was the father of the bride for the fourth time last month when his daughter, Patricia Ann, married John R. Molinaro. Many members of the PH family attended the ceremony at the Church of St. Francis of Assisi, Mt. Kisco.

ENGAGED: FLORA BOGDAN, Out-Patient Department, to Jose R. Colon . . . CLAIRE POTTER, Insurance Department, to George Smith.

NEW CITIZEN: AGNES CLUGSTON of the Paymaster's Department (and formerly of Glasgow, Scotland) received her citizenship papers August 24. BETTY DEPACE of the same department presented Agnes with a scroll inscribed with a clever poem which we wish we had room to publish.

SICK CALL: Special Officer JOHN MALONEY (Protective), who served on post in BH, is now resting at the Mary Harkness Convalescent Home and sends regards to his many friends here . . . BRENDAN A. BURKE, (Grounds Department) who spent several days as a patient on PH 14W, passes along his thanks for the thoughtfulness of his many friends.

DEPARTURES: ISOLINA RODRIGUEZ has left the Insurance Department to attend New Rochelle College. She hopes to return here in two years as a student nurse . . . KENNETH ROTHMAN, son of MRS. DOROTHY ROTHMAN of Public Interest, started last week at NYU to prepare for a medical career. During the summer he worked here in Animal Care. His aim is to return here as a student in the College of Physicians and Surgeons. Kenneth won two scholarships (State Regents and Perry McDonough Collins) which will pay his NYU tuition.

TRAVEL: Vacationing in the Canadian Rockies, MRS. MABEL REINER of Cancer Research, discovered a sort of Shangri-La for the fair sex: the town of Churchill. It has ten men to every woman. Mrs. Reiner reports she was greatly impressed during her trip by the politeness and sartorial



SISTER ACT: Additions to Medical Center scenery include Suzon Babbit, 19, (extreme right) who recently joined her sister, Deborah, 22, (second from right) in the microbiology laboratory. Suzon likes the work so much she's commuting between the lab and Goucher College where she is a junior. Showing the Misses Babbit around are Miss Katherine Schaffner, (left) secretary, radiological research laboratory, and her twin sister, Maria, secretary to Dr. Harold W. Brown. The twins have been enrolled in Columbia's School of General Studies.

splendor of the Eskimos . . . Another member of Cancer Research, JANET HIBBERT, vacationed in Jamaica where she visited relatives and had a big time touring the islands.

JAMES MAHONEY of Animal Care is just back from a five-week trip to Ireland. He spent much of his time in Ennis, County Clare, and brought greetings to the mother of his brother-in-law, HUGH KING of the College Information Desk.

Just back from six weeks in Northern Italy is DR. ITALO FRATTA of Animal Care. He took his four-year-old daughter along, visited relatives and spent some time in Cortina, site of the Olympics.

MRS. ELFRIEDA VON DE RECKE, retired head of Physical Therapy (HP-2), is planning a trip to her homeland, Germany. Meanwhile, she's busy with household chores, giving occasional treatments to patients — and hoping some day to find time to read historical novels.

On a recent trip to San Diego, Cal., MORRIS FELD, a faithful volunteer of long standing, saw his great-grandchild, Allan McMullen, for the first time.

NOTES FROM ALL OVER: Nurses' Aide BRIDIE O'TOOLE has left (with the best regards of her PH-5 associates) to attend the Montefiore Hospital School of Nursing . . . MARTIN SMITH, a P&S student, conducted the special Jewish services in The Pauline A. Hartford Memorial Chapel here last month . . . GWENDOLYN CHAMPION MURCIA, (PH, '34) now a patient in Harkness Pavilion, has again made her headline, free lance writing, pay off. Her latest article, "Dangerous Assignment: Chaperoning," appeared in a September issue of *This Week* . . . Three members of the new nursing class spent part of the summer in Europe. As an "Experiment in International Living" CAROL A. CARTER lived with a family in Vienna. On a ten-week "Wanderer Tour,"

ADELE SCHROEDER covered nine countries on bicycle, bus, train, boat — and by thumb. JOSEPHINE WHITMAN used bus and air travel to do the same — nine countries in ten weeks.

BORN: to HENRY SMITH, supervisor of the Insurance Unit, and Mrs. Smith, a son, David Douglas on August 5 . . . To MRS. MARTHE SCHOFFENIELS, a volunteer in BH-12, and DR. ERNESTE SCHOFFENIELS of the Department of Neurology, P&S, an eight-pound boy, Michael, at Harkness Pavilion, August 24.

OVERHEARD near the PH tennis



PH Garden View

courts: "You know, the gardeners around here should get a citation or something for the way they keep the gardens and grounds. Isn't it beautiful around here?"

SPORTS DEPARTMENT: SYLVIA FARMER took enough time from her volunteer work here during the summer to win a huge silver loving cup. It was her prize for winning the women's singles championship of Redding, Conn., a title she'd won in 1952. Miss Farmer, now busy working for an M.A. at Teachers College, Columbia, is the daughter of JAMES A. FARMER, a member of the PH Corporation.

SERVICE NEWS: His associates in Protective said "Bon Voyage" and "Good Luck" to officer ROBERT TAYLOR, who entered the U.S. Army September 26 . . . SAMUEL B. FEITELBERG, honorably discharged from military service, has been reinstated as Supervisor, Physical Therapy . . . The new address of THOMAS F. TURNER, former clerk in the Comptroller's office, is USS Tripoli, TCVU-64, FPO, N.Y.

TWO CAREERS: R.N. and Mezzo-Soprano



MISS SAXBY as nurse . . .



. . . and as singer.

Terrified at being asked to sing at a small party and yet able to sound off without fright before a packed auditorium — that's how it is with mezzo-soprano Barbara Saxby, R.N.

After six months here, Barbara left last April to give show business a try. She promptly landed a singing role in "Kiss Me, Kate." Last month she was in Guy Lombardo's "Show Boat." This month she's singing in a coast-to-coast tour for General Motors.

A native of Port Colborne, Ontario, Canada, Miss Saxby joined the nursing staff of Harkness Pavilion last Oc-

tober. Her bright smile and other attributes brought comments like this one from a patient, G. David Schine, as Barbara entered his HP room: "No! Is this a vision I see? Or are nurses really as pretty as this?"

Due back in Manhattan November 1, Miss Saxby will resume her work as the soloist at Church of the Covenant (where she lives in the church house) and try her luck on TV and/or Broadway. She promotes recruitment of nurses wherever she goes, and maintains the hope of some day returning to nursing duty here.

SEIZURE CLINIC opens door to normal life for epileptics

One day when he was playing in his room six-year-old Johnny suddenly fell to the floor. His eyes rolled, his teeth clenched, and his whole body shook with a storm of motion. Within a few minutes he regained consciousness and bodily control.

Weeks later thorough medical investigation confirmed what his mother had feared in those first minutes of terror—Johnny was a victim of epilepsy.

Not many years ago the dread word would have marked this intelligent and handsome boy for a kind of half-life—a crippled life without friends, or a chance to go to school, to work, and to marry. Today Johnny is one of thousands of children who are reaping the benefits of a great medical victory.

Medical break-through in the 3,000-year-old wall of fear that set the epileptic apart from others is recent. Bromides were used in the mid-19th century; phenobarbital came into use about 1900. The most effective and most specific drug for major seizures—dilantin sodium—was discovered less than 20 years ago by a Harvard team which included Dr. H. Houston Merritt, now director of our Neurology Service. Since then other drugs have become available—some useful against types of epilepsy not affected by dilantin. Two are the result of work here.

Johnny is one of 818 patients who attended our Seizure Clinic for Children and Young Adults last year, a special resource organized by Dr. William Caveness. The Clinic is devoted to the proposition that early medical care means a normal pattern of growth for the child with this health problem. With good medical care and certain other help from his family and community, the epileptic child, once condemned to a life of dependent invalidism, can today look forward to a productive place in society.

Under a 30-year-old New York State law, state aid to counties is available to help meet the cost of the prolonged medical care that children like Johnny need to take a normal place in life. But not all states provide such aid, nor are there enough clinics to care for the estimated two million epileptics in the United States. This is what happened to Johnny:



With the accumulation of evidence, Johnny enters the special Seizure Clinic. Here thorough neurological examination leads to a definitive diagnosis. Epilepsy ranges from the deep convulsions of Grand Mal to a loss of consciousness as brief as the nod of a head. Physicians determine the extent of Johnny's seizures and select the drug and dosage most likely to control them. Within a few weeks doctors established two drugs that proved able to give Johnny complete freedom from seizures. After long observation, Johnny was returned to his family doctor with a complete report and a recommendation that medication be continued for a two year minimum.



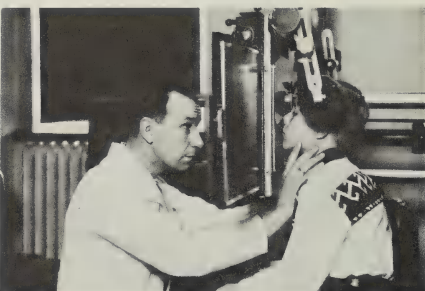
STAFF CONFERENCE brings the Seizure Clinic team of specialists together weekly for appraisal of Johnny's response to therapy and of his over-all development. Conferences help train young doctors who may set up clinics elsewhere. Johnny's story is based on two articles by Dr. William F. Caveness, Associate Attending Neurologist, and Dr. Joseph E. Snyder, Assistant Vice-President, Presbyterian, and director, Vanderbilt Clinic, which will appear in January Health News, N. Y. State Dept. of Health.



Johnny's family doctor, aware that sure diagnosis and establishment of therapy for any one of the many types of epilepsy require special resources, referred his family to our clinic. Johnny and his mother were sent first to the pediatric clinic for general examinations.



Every laboratory resource of modern medicine is at hand to help Johnny. Doctors detect any flaw of body chemistry that might be a factor in his condition. Now stickers are accumulating in his case history that tell doctors at a glance that blood count, blood serum analysis, determination of glucose and nonprotein nitrogen levels in the blood, urinalysis, and Tuberculin tests all place Johnny within normal range.



X-rays of the brain are the next step. In this case the X-ray film disclosed no shadows suggesting a tumor or gross flow in the development of the deeply folded lobes of the brain. Johnny was therefore sent to the final instrumental aid in diagnosis of his condition—the electroencephalograph. Broken into its Greek parts, this big word simply means: electric-brain-mark (writing). The EEG's writing arms produce a permanent record.



Electrodes placed against the scalp pick up electrical waves that reflect the ever-changing chemical flow of brain activity. Where epilepsy exists, wave patterns are usually abnormal. EEG findings are part of the evidence suggesting that epilepsy is a bodily paroxysm resulting from a kind of electrical storm in the brain. This may be the result of a metabolic defect or of brain damage.



Social workers (!!) help families straighten out their feelings.

Even while he was still having seizures, Johnny missed no school and was welcomed by the Boy Scouts. He has been seizure-free for three years now, but not all his problems are over. Maybe by the time Johnny grows up more employers than are now willing to hire epileptics will have agreed that he is a good risk. State laws limiting his rights may also change as legislators recognize that medicine has won another victory.





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME II, No. 9

NOBEL PRIZE ISSUE

NOVEMBER, 1956

Research by Drs. Cournand and Richards Earns Nobel Prize

Spanish Course Given By Former Patient Here Attracts 20 Members

It was about midnight and all was quiet. A young lady named Carmen M. Miranda was asleep in her Presbyterian Hospital room. She'd had minor surgery and was resting comfortably.

Suddenly, in a nearby room, there was the sound of voices, one of them the piercing cry of a girl in pain.

Awakened by the cries, Miss Miranda listened intently. The girl was speaking Spanish but it was difficult to make out the words. Miss Miranda made her way to the girl's room.

"A doctor and a nurse were there," Miss Miranda recalls. "The girl kept repeating the same thing but it was all in Spanish and they couldn't understand what she was saying.

"I could, so I interpreted for her and they gave her prompt relief."

Shortly after leaving the hospital, (Continued on page 2.)

The actual quantity of blood expelled at each stroke of the heart and the circumstances under which it is either greater or less than ordinary, I leave for particular determination afterward . . .

—William Harvey, 1628

The Case of Bonnie Collette

At 13, Bonnie Collette is an active girl. She cannot even remember when she was too short of breath to walk two blocks to school. Her parents have told her that she was a "blue baby" and that a defect in her heart was corrected by a famous surgical feat. But Bonnie does not know that she was among the first children to benefit from some then obscure research into the inner chambers of the heart.

When Bonnie was six her mother brought her to the Vanderbilt Clinic. Although she turned blue at the slightest exertion and doctors could hear a harsh murmur after each beat of her heart, its outline on x-ray film looked no different from that of a normal heart. The electrocardiograph record of Bonnie's heartbeat told only that the lower right chamber of her heart was working harder



Dr. Dickinson W. Richards



Dr. Andre F. Cournand

Cardio-Pulmonary Research: Early Years

By DR. DICKINSON W. RICHARDS

The collaboration between the Presbyterian and Bellevue Hospitals in cardiopulmonary research goes back a number of years. A brief account of this, and especially of the beginnings of the work at the two hospitals, is perhaps of interest.

Two clinical professors on the Columbia Division at Bellevue, men of unusual vision and energy, began in the late nineteen-twenties to put into effect some ideas they had for establishing a unit for physiological research, using the large clinical material available at Bellevue Hospital. These men were Dr. James Alexander Miller, Director of the Tuberculosis Service, and Dr. Adrian Lambert, Director of Thoracic Surgery. Their first step was to engage the services of Dr. Israel Rappaport, to study and keep the staff up-to-date on current literature, both domestic and foreign. I should like here to pay tribute to the highly important contribution which Dr. Rappaport made to our work at this time. It was Dr. Rappaport, for example, who brought to our attention in 1929, immediately upon its publication, the paper by Dr. Forssmann, "Die Sondierung des rechten Herzens."

Dr. Miller and Dr. Lambert, with the approval of Dr. Palmer, then asked me if I would like to devote a part of my time to the setting up of a small physiological laboratory unit at Bellevue. At that time I was engaged in two research problems at the Presbyterian Hospital: one, with Dr. Marjorie Strauss (now Mrs. Victor Knauth), studying the process of equilibration between re-breathed air and the incoming mixed

(Continued on page 3.)

Clinical Results In Heart and Lung Care Abundant

Some morning this week in an operating room on a high floor of The Presbyterian Hospital a surgical team may be at work, within the opened chest wall, on the living, pulsing human heart. As they attempt one of the most difficult repairs known to modern surgical practice, the team will be guided by a marvelous array of electronic devices, each one carrying a vital measure of the life of the heart before them. Set forth in a single panel for instant visibility, this display of exact measurements looks like nothing so much as the control board seen in the darkened cockpit of a great airliner.

Some morning this week an old man, too short of breath to walk upstairs, may be examined in the Vanderbilt Clinic. He may have been a miner in the anthracite pits of Pennsylvania or the granite quarries of Vermont. Or he may simply have been a life-long sufferer from asthma. Whatever the cause (and often it is not known), examining doctors know that the weak, gasping patient is suffering from a chronic disease of the lungs. The disease has been called emphysema for about 200 years, but until the last decade or so almost nothing was known about its origin in the anatomy of the body or what to do about it. The doctors know that the old man's heart, long overworked in its job of pumping blood through the faulty airways of the lungs, may already be in the state of impaired function that they call heart failure.

Not long ago the examining doctors, trying to find out what was happening deep inside the air pump of the chest and in the blood pump of the heart, would have had to concede failure, in any exact sense. They could have listened to the ancient sounds of the heart through their stethoscopes, watched the flickering shadows of the heart and lungs on a fluoroscopic screen, looked for fateful irregularities in the heart-beat in the peaks and troughs of an electrocardiogram.

In fairly rough ways, they could have measured the work of the lungs on the one hand, and, in somewhat

(Continued on page 4.)

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PHOTO CREDITS: Spanish course by Manny Warman; All others by Victor Choplin. Black Star.

STETHOSCOPIA

HARKNESS HOME NOTES:

MISS MIRIAM HUBBARD, R.N., superintendent of the Mary Harkness Home, last month attended the dedication of the Children's Medical Center in Boston. This is an enlargement of the Children's Hospital, founded in 1869, of which Miss Hubbard is a graduate . . . New members of the staff are MRS. NANCY THOMPSON, R.N., of White Plains, and MISS VIRGINIA SORBY, R.N., a PH graduate who recently served in the U.S. Navy . . . Miss Sorby is now Miss Hubbard's assistant. MISS ANN S. PARSONS, former assistant, has left to enter the Naval Reserves . . . MISS ANN PIRRIE, an MH employee for two years, has departed. She's now Mrs. John Kriskiey of Saute Ste. Marie, Michigan.

ENGAGED: MISS CATHERINE A. DUMBRA, laboratory assistant in the Department of Pathology, P & S, and John J. Campagnino . . . MISS PATRICIA COSGROVE, Collection Department, and Steven J. Snipes . . . John Llenane, son of Mrs. AGNES LLENANE (Telephone Room) will wed Miss Dolores O'Farrel November 10.

MARRIED: DR. JOAN HOLLENBERG and DR. JOHN GOBLE, assistant residents in the Institute of Ophthalmology, October 4 . . . Lorraine Buckley became Mrs. A. Goulet September 29. She's the daughter of MRS. MARGARET BUCKLEY, chief operator here, who, by the way, recently returned from a Canada vacation . . . MISS FLORA BOGDAN, Out-Patient Department, and Jose R. Colon, who vacationed in Florida following their wedding . . . MISS DORIS HILLENBRAND, Harkness lab technician, and Raymond Alnor, October 27 in Clifton, N. J.

NOTES FROM ALL OVER: Officer EDWARD MCLEROY of Protective received congratulations October 24 when his son, Francis, became one of New York's "finest" . . . MRS. MARIANNE MC CLOSKEY, Orthopedic Service Secretary, left last month after five years of service to the hospital.

BORN: To HENRY COOKE (a porter in the Eye Hospital) and Mrs. Cooke, a daughter, Lori Bernice, October 9. Weight: ten pounds, seven ounces.

NEW FACES: MISS VALERIE HALSE, a medical social worker from England, recently joined the Social Service staff of Neurological Institute. She has a Fulbright travel grant and will be here two years to learn American methods of casework . . . MISS NANCY WOLPER, now of Social Service in Babies Hospital, is a graduate of Radcliffe and the N. Y. School of Social Work.

And still more new faces in Social Service: MISS EDITH ADLER, supervisor of the Medical Division, well known to the staff through cooperative work with the Youth Board and other agencies where she worked; MISS LILIA ALVAREZ, a caseworker on Sloane; MISS PATRICIA O'NEILL, caseworker on Medicine; and MISS CATHERINE HIRST, caseworker on Surgery.

SPANISH COURSE (Continued)

Miss Miranda decided to become a volunteer here. For six months she helped with the TLC (Tender Loving Care) program in Babies Hospital.

Then came an opportunity to do something about what she had observed that night in the hospital. Requests for Spanish interpreters in the Vounteer office prompted Carmen to offer to teach a class for doctors, nurses and staff. She conducted her first course last year and enrollment was limited to 15.

A new course opened last month with 20 members. For 20 consecutive Tuesday nights they are learning, among other things, that "Me duele a cabeza" means "I have a headache" and "Tengo sed" means "I'm thirsty."

There's no charge for the course, not even for a textbook. Miss Miranda prepares her own lesson charts in longhand. A volunteer typist cuts the stencils and readies the copies for distribution to the class.

Born in Puerto Rico, Miss Miranda came to New York in 1945 with her mother and a B.A. from the University of Puerto Rico. By 1952 she had an M.A. in Sociology from Columbia. And meanwhile she had started working for the City Welfare Department as a social investigator, a position she still holds.

Aina Oberg, Therapist, Retires after 29 Years

Physical Therapist Aina Oberg, who joined the Presbyterian Hospital family the year Lindbergh flew the Atlantic, retires this month after almost three decades of outstanding service.

Aina started here in November of 1927—well, not "here" exactly; the hospital was then on 70th Street. She was among those who took part in the big move to the present site. That was in the Spring of 1928 and, as Miss Oberg recalls, it required little more than a week. She gave her first treatment at the new site—in Harkness Pavilion on April 2, 1928.

During her last 11 years here, Aina was assistant to Miss Mary A. Cover, chief of physical therapy at Neurological Institute.

Aina's close friends and associates—33 strong—gave her a rousing testimonial at a seven-course dinner party. "Everything," Aina reports, "was beautiful—a beautiful party, a beautiful orchid, and just look at this handbag they gave me. Isn't it beautiful?"

Dr. William B. Snow has this to say of Miss Oberg's services:

"With the retirement of Miss Oberg we lose a therapist who was extremely valuable, not only for her technical ability, but also for personal qualities of pleasantness, loyalty, and devotion to service. This pleasant personality will be missed both by her patients and by the various services in the hospital whose patients she has been called upon to treat."

Stamp Club Meets Nov. 14

The Stamp Club will meet Wednesday, November 14, at 7 a.m. in the Milbank Library. All stamp collectors are cordially invited and asked to bring duplicates for trading. For further information, please call Joseph J. Kloczek, Ext. 7746, or Dr. Virginia Appgar, Ext. 8276.

Explorers of the Heart

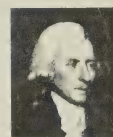
William Harvey, English physician, in 1628 demonstrated that the motion of the heart pumps blood through the lungs and then into the body circulation.



Stephen Hales, English clergyman, in 1733 measured blood pressure by laying a white mare on a field gate and inserting a brass pipe in the carotid artery.



Giovanni B. Morgagni, Italian surgeon, published in 1761 over 600 autopsy studies, describing in detail the pathological anatomy underlying many forms of heart disease and malfunction.



William Withering, British physician, described the effect of digitalis on the heart in 1785, found the medicine in a "cure of the dropsy" . . . long kept a secret by an old woman in Shropshire.

Rene T. H. Laennec in 1819 announced the stethoscope as a means of diagnosing heart disease by listening to the sounds of the heart.



Willem Einthoven in 1903 used the string galvanometer to measure the contractions of the heart muscle and correlated abnormal patterns in the record of these electrical changes with heart disease states.

These high points of heart history were assembled by the Columbia-Presbyterian Society for Medical History. The Society's monthly dinner meetings are open to any member of the community. Next meeting: November 20, Bard Hall, 6 p. m. Dr. Cushman D. Haagensen, speaker.



Among the men taking the Spanish course are Dr. Joseph E. Snyder (in white coat) and our Chaplain, the Rev. Robert B. Reeves (foreground). At the blackboard: Miss Carmen Miranda, volunteer instructor.

Cardio-Pulmonary Research: (Continued)

venous blood; and the other—a col-laboration that continued for some years—studying, with Dr. Alvan Barach, the physiological effects of oxygen therapy in patients with various forms of heart failure.

Dr. Miller, Dr. Lambert, and I agreed on a general plan of action; and just at this time, by signal good fortune, Dr. Andre Cournand arrived from Paris to begin an internship and residency with Dr. Miller. The latter acceded to Dr. Cournand's request that he be permitted to start working with me, in his spare time, and so we began.

There were certain operational difficulties. Our space was one single bed room off one of the large wards in G Building, a bare room with no facilities whatever. The equipment, all of it borrowed and brought down from P.H., consisted in a basal metabolism machine, a Harvard wind-up kymograph, a Douglas bag or two, and a Tissot gasometer.

The procedure was as follows: while Dr. Cournand finished his early rounds and brought the patient to the lab, I got up quite early to P.H., prepared needles, syringes, blood bottles, mercury sampling tubes, put them into two doctor's bags, took the 7th Avenue subway to 23rd Street, the trolley across town, walked to Bellevue; then we did our experiment; put ice around the blood bottles; then came the trek back to P.H., by the same route, where the rest of the day was spent on the blood and gas analyses. Dr. Cournand managed the clinical end at Bellevue.

In another year or so, analytical

apparatus was set up at Bellevue, and not long after, Mrs. Marianne Lester, first as a part-time technician, began her association with the laboratory, giving to it the unflinchingly skillful, cheerful, devoted service which she has continued up to the present day.

There were further difficulties encountered, some of them much more profound. There were studies which failed miserably, such as our three-year effort to extend the rebreathing method of measuring cardiac output; then we had to give it up, and start all over again on something else. Dr. Miller and Dr. Lambert, however, never lost faith or interest, never failed to encourage us to go on, never failed at critical times to provide practical support from one source or another. It is, I think, certain that without these two men the laboratory would never have been established.

In the mid-thirties came the extended collaboration with Dr. Eleanor Baldwin at the Presbyterian and with Dr. Robert Darling at Goldwater. This has been described elsewhere. In 1938, the work received tremendous impetus, when, through Dr. Palmer's interest, a substantial grant was obtained from the Commonwealth Fund, and this continued, in most generous terms, for the succeeding twelve years. Others who later supported our work were the Life Insurance Medical Research Fund, the Public Health Service, the Eleanor de F. Baldwin Fund, and the Daniel C. Arnstein Fund.

The later story, of the first cardiac catheterization and what developed from it, has already been told.

—DR. ROBERT F. LOEB
Director, Service of Medicine

The contributions of Drs. Richards and Cournand have combined to a rare degree the two objectives of all research. Their work has resulted in a better basic understanding of the behaviour of the circulation on the fundamental or theoretical level, and at the same time has been of great practical use in the diagnosis and determination of treatment of diseases of the lung and heart. Their method has also given direct information about abnormalities of the heart itself, both anatomical and functional, which could hitherto only be guessed at.

The tremendous expansion of cardiac surgery in the past fifteen years has both given impetus to and been benefited by cardiac catheterization. Not only has the data obtained on individual patients often been vital in determining whether to operate but also improved understanding has constantly opened up new possibilities. At the same time, studies of the many variations of congenital cardiac anomalies have given new insight into circulatory adjustments in health as well as in illness. To one who has been privileged to witness and be helped by their work from its inception, the award to Dr. Richards and Dr. Cournand comes as a fitting climax.

—GEORGE H. HUMPHREYS II, M.D.
Director, Service of Surgery



CATHETER TIP visible at left will be inserted into arm vein of patient, guided through venous pathway into the inner chambers of the heart. Procedure was photographed in Bellevue research laboratories where Dr. M. Irene Ferrer (left) and Dr. R. M. Harvey (right) have done the heart studies in the Cournand-Richards program for the last eleven years. Their work has contributed to knowledge of rheumatic fever's effect on the heart and of exactly how digitalis and other drugs act on the heart. Dr. Ferrer is director of Presbyterian's cardiovascular laboratory.

The Case of Bonnie Collette (Continued)

and a radiologist swung a small fluoroscopic screen over Bonnie's chest. Watching the black shadow of the tube or catheter in this screen, the doctor gently pushed the catheter into the first chamber, or right auricle, of Bonnie's heart.

Connecting the free end of the four-foot-long catheter to the proper instrument, Dr. Baldwin measured the blood pressure in the first chamber of the heart. She next hooked a small syringe to the free end of the catheter and withdrew a blood sample. Then the doctor gently pushed and twisted the tiny curved head of the catheter through the delicate leaves of the valve that separates the upper from the lower chamber of the heart. In the right ventricle blood was found to be pounding at high pressure; here another blood sample was taken. Now the team, as they anxiously watched the black shadow on the fluoroscope screen, saw the curved tip of the catheter easily make the right-angle turn that marks entry to the pulmonary artery—the great channel through which the heart pumps blood to the lungs.

When the catheter pushed into the pulmonary artery, Bonnie turned blue and had a hard time getting her breath. Even without the careful analysis of the data that followed, the skilled physicians who stood beside her could read the clue. The valve between the right ventricle and the pulmonary artery in Bonnie's heart was so narrow that even the passage of the tiny catheter plugged it—closing off Bonnie's bloodstream from its path through the lungs to pick up oxygen. Analysis of blood samples and pressure readings taken by the catheter in 14 locations in Bonnie's heart confirmed not only the fact of the narrowed pulmonary valve but also revealed that no other heart defect serious enough to make an operation useless was present.

Bonnie's heart defect was one of several of the same kind discovered in the new catheterization laboratory. Observation of these narrowed pulmonary valves, a heart defect scarcely known at the time, prompted Presbyterian surgeons to undertake work leading to a corrective procedure. Sir Russell Brock in England had described an operation for widening a narrowed pulmonary valve and had come to Johns Hopkins to work with Blalock on perfection of the technique. After observing the new procedure at Johns Hopkins, surgeons here perfected their own command of it in the experimental laboratory.

Some months later in another opera-

ting room, a surgeon opened Bonnie's small chest and delicately cut into the sac of fluid around her heart. He made a one-half-inch incision in the muscular wall of the right ventricle. Through this opening in the beating heart he pushed a tiny diamond-bladed knife into the pulmonary artery. When he withdrew the knife he cut away some of the fat and extra fiber that seemed to choke off the small mouth of the valve. Then he pushed an equally small clamp through the incision and into the mouth of the pulmonary artery. He opened the jaws of the clamp and stretched the valve.

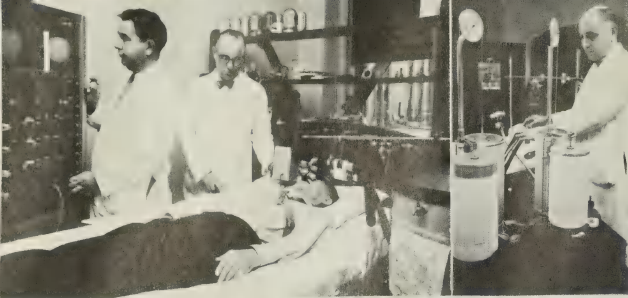
When this daring venture into the pulsing heart was over, a blood pressure reading taken in the right ventricle showed that the high pressure which had once built up there behind the obstructing valve had dropped to normal. This meant that the valve block to Bonnie's pulmonary artery had been widened to an adequate size. With good nursing care, Bonnie recovered promptly, went home to grow up like any other little girl.

Miss Callahan Heads Christmas Committee

Preparation for Christmas in the Hospital got under way officially a full two months before the event with a meeting of the Christmas Program Committee on October 25.

The Committee has as its chairman Miss Elizabeth Callahan, Unit Manager of Babies Hospital, and includes all other unit managers as well as representatives of the Chaplain's Department, Nursing Service, Vanderbilt Clinic, Housekeeping, Food Service, Maintenance, and Public Interest. Its purpose is to coordinate the efforts of all units and services throughout the Hospital in preparing for the Christmas season.

In order to avoid duplication of effort or confusion about the suitability of certain types of gifts, the request is made that all offers of candy, toys or other presents of this nature from well-wishers outside the Medical Center be referred to Miss Callahan and her committee. This is particularly important where gifts to children are concerned for a number of reasons, including the potential hazards of certain types of toys.



LUNG PATIENT under study in the cardio-pulmonary laboratory of The Presbyterian Hospital. The laboratory is staffed and equipped for both diagnosis and research. Dr. Alfred P. Fishman (center), director of the laboratory, has centered research on interrelations between respiration and circulation of blood in lungs. Dr. Aaron Himmelstein (left), member of the Presbyterian surgical staff, helped work out techniques for use of the catheter in the small veins of children. Recording instrument at left was developed by the Cournand-Richards research team, of which both men are members. An instrument like this is also used to record heart action in Presbyterian operating rooms. Dr. Robert C. Darling (right), now director, Physical Medicine, helped in early years to develop method of measuring air exchange.

Basic Research Earns Nobel Prize (Continued)

more exact ways, the action of the heart on the other. But there was almost no way to put these two vital actions together. Not all the skill of medical science could describe, in exact terms, two simple questions fundamental to life: What happens when we breathe? What happens when the heart beats?

This week doctors at The Presbyterian Hospital, like doctors at almost any first-rate medical center throughout the U. S., can send their emphysema patient to an abundantly equipped cardio-pulmonary laboratory. Here, with the same electronic recording instruments used in the operating room to guide heart surgery plus added equipment for measuring the amount of air inhaled by the patient, an examining team will produce an exact record of what is happening in the diseased lungs and hard-working heart.

With this record and with medicines whose exact effect on heart and lungs has been ascertained by means of the same instruments and by compounded medical knowledge which the instrumentation only partially represents, doctors will set about making it easier for the old man to get his breath.

The diagnostic laboratory now almost routine in every large hospital



Dr. M. I. Gergersen, director, Physiology, developed blue dye used to measure blood volume in shock. Dye kit was taken to patient's bedside, to battlefields in war shock studies.

and the electronic recorders that act almost like a seventh sense for the cardiac surgeon are only two of the results of some questions that two young doctors began asking here at the Medical Center some 26 years or more ago.

Last month the great body of new facts that had brought healing to so many patients brought to their discoverers the Nobel Prize.

Nobel Prizewinners Dr. Andre Cournand and Dr. Dickinson W. Richards of the College of Physi-

cians and Surgeons did not set out some thirty years ago to produce electronic instruments for diagnostic use or even a better treatment of emphysema or heart failure. On the contrary, each in his own way and for his own reasons, found himself drawn irresistibly to the fundamental questions of the mechanics of heart and lung action.

Richards, born to a family tradition of medical eminence, had caught the fever of research under a great explorer of the physical chemistry of the blood, Lawrence J. Henderson of Harvard. Cournand, versatile, French, with the vast energies of a man who had climbed most of the famous mountains of Europe, had been trained in Paris as a clinician in pediatrics, phthisiology, and neurology.

Richards had started his research activities, under the guidance of Professor Henderson, by measuring the "oxygen dissociation curves" (uptake of oxygen by the blood at varying oxygen partial pressures) in patients with anemia; and had followed this by a study of cardiac output in anemia, using an indirect method that had been worked out by Professor Henderson's associates at Harvard. He then took up the more precise study of the key maneuver in this cardiac output method—namely, the measurement of oxygen and carbon dioxide in the "mixed venous" blood coming into the heart and lungs. This was done by having patients rebreathe air and carbon dioxide mixtures in and out of a rubber bag.

When Cournand and Richards began their work together at Bellevue in 1931, it was this particular problem that they undertook, in the cases of chest disease there.

Beginning All Over Again

"After three years," Dr. Richards recalls, "we found that the method was inaccurate and worthless in patients with diseased lungs; and we then painstakingly began all over again, to find out why; why, in other words, air failed to mix evenly and adequately in diseased lungs."

In the meantime they knew, of course, about Dr. Forssmann's successful experiment in passing the catheter into his own heart. It seemed that an initial step in exploring the safety, as well as the experimental possibilities, of this technique was a study in animals.

Dr. A. R. Dochez gave the young

investigators one of his chimpanzees, which had become infected and was dying of tuberculosis, for their first experiment in catheterization. The catheter was very easily passed into the animal's right heart, and measurements were made of the pressures in this chamber under a variety of conditions.

The first successful catheterization of the human heart was on a cancer patient volunteer at Bellevue Hospital in the autumn of 1940. By 1941 the researchers had published a report on 30 successful catheterizations.

The textbooks had always assumed that blood pressure in the sharply tilted heart of the human was at the zero or atmospheric level found in the auricles of animals. The new work showed that in the right auricle of the human heart there was enough pressure to raise a narrow column of water by slightly more than one inch. The research team also reported the first known facts about the gradient in pressure from a vein in the right arm to the right auricle of the human heart. In heart failure, they found, the normal gradient disappears and pressure in a peripheral vein is no higher than that measured in the first chamber of the heart.

Diagnosis of Heart Defects

These were the first of the many exact new facts that were later to come. Cournand and Richards were able to measure not only blood pressure in the right auricle of the heart, but to push the catheter into the right ventricle and even into the pulmonary artery. With assurance that their technique was safe, they began using the catheter to take blood samples at each of these points. Using Van Slyke machines (see photo of Dr. Richards, page one), they could pump off the oxygen and carbon dioxide and measure the exact proportions of these gases in the withdrawn blood samples.

At the time, the several patterns of congenital malformation of the heart and the great vessels were known largely from post-mortem studies. Doctors had no way of recognizing just where the defects lay (see the Case of Bonnie Collette, page 1).

Dr. Eleanor de Forest Baldwin first demonstrated excessive oxygen content in the blood of the right heart as proof of an abnormal opening in the wall or septum between the right and left chamber of the heart. Great refine-

ment made it possible to use this oxygen analysis technique to detect many other congenital flaws in the heart and in its connections with the great blood vessels.

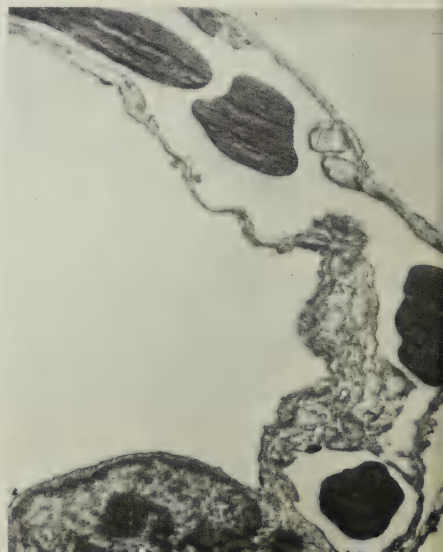
The work produced exact measures, not only of cardiac blood pressure, but also of the rate of flow of blood from the heart and the volume of blood in the body.

Seldom have the clinical results of basic research been so abundant or so early to arrive. Sometimes these came in unexpected directions. The wartime work on shock, done at the request of the U. S. Army, was an example.

A patient in severe shock is no longer sensitive to pain, he may be near coma, his skin is bloodless, and the veins in his arms and legs may have collapsed. To work on such shock cases brought by ambulance to Bellevue's emergency service, the researchers often assembled in the middle of the night. Using catheter techniques they documented in humans the famous hypotheses built by Cannon and Wiggers on work in animals. Their exact description of the dynamics of circulatory shock in specific forms of injury disproved a current assumption that leakage of the fluid part of the blood through capillary membranes was a casual factor in all shock conditions associated with bodily injury. Their report to the Army unfortunately had no immediate results. It was many months before plasma transfusion came to an end, and whole blood began to be flown to the battlefields.

The new facts about blood circulation through the lungs and about the path of oxygen and carbon dioxide in the lungs and in the blood served, as such new facts always do, to light a path to still other unknowns. Today in laboratories all over the world young investigators are working in the broad path illuminated by Dr. Richards and Dr. Cournand. They are seeking, to name only one example, mechanisms by which oxygen and carbon dioxide are transported across the membrane of the alveolus, or air sac in the lung. In the research laboratories at Bellevue, as in the research-diagnostic laboratories at The Presbyterian Hospital, some workers are taking this path. Others are extending the painstaking analyses that are gradually providing exact knowledge of the effect of drugs on the lungs in health and disease.

RED BLOOD CELLS PASSING ALONG ALVEOLAR WALL OF MOUSE



"Discovery is but a flash, whose gleam discovers for us fresh horizons toward which our insatiable curiosity repairs with still more ardor."

—Bernard

Ultrathin section viewed in electron microscope. Magnification, 4,000 times. Photo by Dr. Councilman Morgan, Department of Microbiology and Medicine.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

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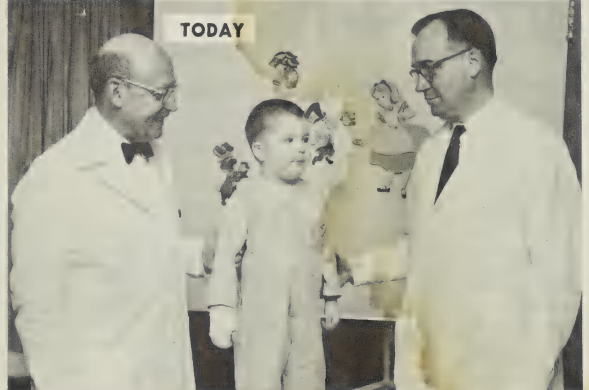
Volume II, No. 10

December, 1956

1866 - 1956: Ninetieth Christmas at Orthopaedic



ORTHOPAEDIC NURSE Agnes McBride visits patient in home in early 1900's. Home nursing service was begun in 1899, included many of today's social service aids.



ORTHOPAEDIC CHIEFS with young patient, 1956. Dr. Alan deForest Smith (L.) retired this year as Director of the Service. Dr. Frank Stinchfield was appointed to the post.

Medical Center Doctors Won 56's Top Awards

In 1956 the scientific achievement of members of the Medical Center staff was recognized by the most distinguished awards in medicine.

Dr. Dickinson W. Richards and Dr. Andre Courmand will go to Stockholm this month to receive the Nobel Prize in Medicine. The award recognizes their 26 years of basic research in the mechanics of heart-lung action (see November Stethoscope for a full account of their work).

Dr. Richards, a 1923 P & S graduate, is an Attending Physician, Service of Medicine, The Presbyterian Hospital, and Lambert Professor of Medicine, College of Physicians and Surgeons. Dr. Courmand is a Professor of Medicine in the College.

An Albert Lasker Award came to Dr. Karl Meyer, Professor of Biochemistry, College of Physicians and Surgeons. For many years, Dr. Meyer has studied connective tissue, one of the largest organs of the body. Such major and unvanquished diseases as arthritis and rheumatic fever are mainly diseases of connective tissue.

Discovery of the enzymes, hyaluronidases, is one of the many results of Dr. Meyer's work. These have proved to be of great interest in biology, in clinical medicine, and in the clarification of the chemistry of the polysaccharides.

Medicine's present ability to measure radiation dosage, the American Cancer Society said, is the "direct

(Continued on Page 2.)

Presbyterian Preparing for Bright Christmas

With Christmas only two weeks away, the Hospital's Santa Claus helpers are almost as busy as St. Nick himself. They're decking the halls with fireproof holly, distributing gaily-striped candy canes, sprucing up last year's Santa Claus suits and struggling with outsized evergreen trees. From the sub-basement to the twentieth floor, Presbyterian is preparing for Christmas.

Maintenance crews are scheduled to set up the first, and tallest, of our trees in the Chapel garden on December 10. This 40-foot giant will be strung with 300 lights, as will the "permanent" tree in front of Maxwell Hall. Two others, only slightly smaller, will glitter outside the main entrances of Presbyterian and Vanderbilt Clinic.

By the time Christmas arrives, more than 9,000 ornaments will hang from 205 fireproof indoor trees; more than 700 holly wreaths and 500 artificial candy canes will brighten our doors and walls; scores of windows will come alive with jolly Santas, wistful cherubs, religious scenes and other Christmas "murals" painted by our staff.

There will be special broadcasts of Christmas music over the Hospital's radio during the coming weeks, pageants and carol-singing in the wards, extra-special parties for our child patients and Christmas morning visits to old and young alike by Santa Claus. Some of the highlights of our Christmas season calendar appear on page 2.

Many Years of Benevolence Lead to Outstanding Advances Against Various Kinds of Crippling

There was not enough ice for skating in the new Central Park, but sleighbells jingled in the snow-filled streets as Christmas came to New York in 1866.

With the War between the States at an end, it was a Christmas of peace. In the Theodore Roosevelt home on 20th Street, four children hung up the biggest stockings they could find. One, Theodore, II, was to become a President of the United States. Another, Anna, had a few years before been cured of a disabling disease of the spine. It was a cure that led to the founding of the New York Orthopaedic Dispensary and Hospital, now a unit of the Columbia-Presbyterian Medical Center.

Christmas was not yet a commonplace in the poorer homes of the city, but German newcomers, fleeing the wars that flamed before the advance of the Bismarck empire, lighted many a Christmas tree in dark New York tenements.

In certain homes of the "industrious and frugal poor" there was reason for gratitude that Christmas to Mr. Theodore Roosevelt and some of his friends. For the first time, certain families, coming to a modest dispensary that had opened its doors only a few months before, had glimpsed the possibility that a crippled child might, after all, be cured.

This Christmas, 90 years away from the modest beginning of the New York Orthopaedic Dispensary and Hospital, that early gratitude

might be shared by a nation. For Mr. Roosevelt and his friends, in their concern for the crippled children of the poor, had launched an undertaking whose medical and surgical advance was to show how to cure crippling and deformity that had seemed beyond the reach of healing.

If at this Christmas of 1956 the humpback is almost as much of a memory as the chimneysweep, we can thank, not only clean milk, but also the earnest knot of orthopaedic surgeons who fought for 90 years that once-invincible child-crippler: tuberculosis of the bones and joints.

"Fifty-one little humpbacks in seven months!" said Dr. Charles Fayette Taylor, making the first report on "the practical operations of this Dispensary."

Dr. Taylor, a large, positive man, had set himself against, not only the orthopaedic practice of the day, but also the notion that chronic disease and crippling infirmity were burdens man had to accept. He spent his spare time attacking the common chair, fashionable women's wear, school pressures on growing children and that curse of the American woman, "a beautiful, bright, charming, suffering human being" — chronic back ache.

Dr. Taylor had learned in Paris the new methods of the Swedish orthopedist, Ling, who was said to have

(Continued on Page 4.)

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It's Time to Decorate That Christmas Window

The Medical Center's Art Committee has issued a reminder to one and all that this year's Christmas Window Contest is not far off. Would-be contestants, please note!

As in previous years, you may enter any pane of glass you paint, whether it's a real window or a panel in a door, the opaque barricade around a cashier's cage or glass partition between a nurses' station and adjacent hall or ward. However, only those for which entry blanks have been submitted will be considered in the contest and visited by our judges.

Entry blanks will be available on all bulletin boards, at nurses' stations and in the Public Interest Department. They should be filled out and turned in to Public Interest, PH 4-30, no later than December 18. Judging will take place on December 19 and 20, with announcement of the winners on the 21st.

There will be one innovation in the rules of this year's contest: the elimination of entry categories. The judges will award "first prizes" to the five entries they consider most outstanding and "second prizes" to five runners-up. As usual, the number of "honorable mentions" will be flexible.

Prizes will include boxes of candy for winners and runners-up, with traditional blue-streamered rosettes for first place and red ones for second place. This year there will also be souvenir rosettes—in white—for those who receive honorable mention.

Chaplain Reeves is Chairman

The Art Committee, which sponsors our annual Arts, Crafts and Photography Exhibit each spring as well as the Christmas Decorations Contest, is headed this year by Rev. Robert B. Reeves, Jr., Chaplain of the Hospital. Serving with him are Dr. Henry S. F. Cooper, of Surgical Service; Dr. Meyer M. Melicow, of Urology Service; Dr. Donald S. Malton, resident in Plastic Surgery; Marion D. Cleveland, R.N., of Nursing Service; Cecile Covell, R.N., of Neurological Institute; Harriet Phillips, Medical Artist, Eye Institute; Robert Demarest, Medical Artist, Anatomy; and Sgt. Edwin H. Behlmer, Protective Department.

Alumnae Gift Shops Offer Wide Variety in Yule Gifts

The Medical Center's three gift shops are doing a booming business in Christmas wares. Shoppers are enthusiastic over the wide selection of gifts available, both for adults and children, as well as the reasonable prices.

This year the three shops, all run by the Alumnae Association of the School of Nursing, have added a great many "stocking gifts" which sell for a dollar or less—many for as little as 59 cents. The Alumnae Shops are located just off the main lobbies of Presbyterian Hospital, Neurological Institute and Harkness Pavilion.

To Our Staff and Personnel:

This will be the eighty-fourth year that Christmas trees will be lighted in The Presbyterian Hospital. It has been another year in which you of the Hospital family have unselfishly provided care and comfort for those in need. Your achievements are reflected in the many letters we receive from grateful patients, one of whom recently wrote: "It is impossible to describe the burdens your staff lift from the shoulders of worried patients. They are truly devoted people."

For your part in making it possible for us to provide this high standard of care, thank you and best wishes for a Merry Christmas.

R. J. Binkert

Vice-President and General Manager

— CHRISTMAS CALENDAR —

Parties:

ORTHOPAEDIC child patients' party, Dec. 11 at 1:45 p.m.

CEREBRAL PALSY LEAGUE OF UPPER MANHATTAN Children's party, Dec. 16, in the doctors' dining room 2 p.m.

PEDIATRIC CLINIC PARTY for child out-patients of all services—Dec. 18, 2:30 p.m. in the playroom, fourth floor, Vanderbilt Clinic.

MARY HARKNESS CONVALESCENT HOME Christmas party, sponsored by the Home's Auxiliary. Dec. 20 at 6 p.m.

DOLLS' TEA PARTY. Babies Hospital's traditional display of dolls to be given to child patients on Christmas; Dec. 19, 3:30 p.m., in the Babies Hospital Board Room.

MAXWELL HALL party for medical and nursing staff. Dec. 24, following carols by doctors and nurses in the wards.

Religious Services On Christmas Day:

Roman Catholic Mass, 7 a.m.
Protestant Service with

Holy Communion, 10:30 a.m.

Christmas Music Broadcast Over our Bedside Radio System*

EQUITABLE LIFE CHORAL CLUB, Dec. 17, 7:7-30 p.m.

KIPS BAY BOYS CLUB CHORUS, Dec. 21, 4:30-5 p.m.

SUNDAY CONCERT, Carols, Dec. 23, 3-3:30 p.m.

SHELL CHORUS of the Shell Oil Co., Dec. 28, 6:30-7 p.m.
*Channel One

In the Wards

JUNIOR LEAGUE OF NEW YORK QUARTET, Dec. 19, 2 p.m.

RIVERSIDE GUILD ENTERTAINERS, Dec. 20, 7:30 p.m.

TRADITIONAL CAROL-SINGING, PROCESSION OF DOCTORS AND NURSES through the wards, Dec. 24, starting from the Chapel at 7:30 p.m.

SANTA CLAUS will visit patients young and old on Christmas morning.

ACCORDION AND GUITAR MUSIC by Sam Hollander and Peter Lagano, who will tour the wards to play patients' requests — Dec. 25, 11:30 a.m.

REV. LEE APPOINTED ASSOCIATE CHAPLAIN

The Rev. Robert B. Lee, of the Madison Avenue Presbyterian Church, was recently appointed Associate Protestant Chaplain at Presbyterian Hospital. He will serve the Hospital part time, coming in to visit patients on Monday, Tuesday and Friday afternoons. Chaplain Lee succeeds the Rev. Hugh Hosteler, who is now serving full time on the staff of the American Foundation for Religion and Psychiatry.

A graduate of Union Theological Seminary in 1951, Chaplain Lee also holds degrees from the University of West Virginia and the School of Sacred Music of Union Theological Seminary. For five years he has been a member of the staff of the Madison Avenue Presbyterian Church.

DOCTORS WIN AWARDS (Continued)

result of the many years of collaboration of Dr. Giacchino Failla and Dr. Edith H. Quimby." The Society gave its annual national award to these distinguished radiological scientists. Dr. Failla is a Professor of Radiology, College of Physicians and Surgeons, and Chairman of the Atomic Energy Commission's Advisory Committee on Biology and Medicine. Dr. Quimby is also a Professor of Radiology at the College. She has for many years conducted post-graduate courses for practicing radiologists.

Two men associated for many years with the Medical Center—Dr. Howard C. Taylor, Jr. and Dr. Frank B. Berry—have been honored by election to the Board of Regents of the American College of Surgeons. They are among 18 outstanding American and Canadian doctors appointed to the board by the college's Board of Governors.

Dr. Taylor is Director of Obstetrics and Gynecology at The Presbyterian Hospital, and Professor of Obstetrics and Gynecology at the College of Physicians and Surgeons. A 1924 graduate of P & S, Dr. Taylor has been associated with the Medical Center since 1946.

Dr. Berry, Professor of Clinical Surgery, College of P & S, is on leave of absence to fill a major appointment in Washington, D. C. He is Assistant Secretary of Defense in charge of Medical Manpower. Dr. Berry has been a member of the P & S faculty since 1924.

A Note on Christmas Mail

Christmas cards to be exchanged among friends here should be mailed to home addresses. That is the request of John Campbell, mail room supervisor, who adds that if you do use a hospital address, be sure to designate the department.

Because they'll be busy with the great volume of mail for patients at Christmas time, Mail Room personnel will process stamp requisitions and mailing of packages for hospital business only.

STETHOSCOPIA

SIDELINES: *Arthur O. Washell*, our barber, is an accomplished musician. He plays viola in the City Center Symphony Orchestra. In the past he has played with the Doctors Orchestra and the Liederkrantz Symphony Orchestra . . . *Sam Ward* of the Engineering Department can hold his own with the best of the straight pool players. He placed fourth in the New York City tournament last year.

MUSIC DEPARTMENT: Among those who took part in television's "This is Your Life" salute to bandleader Red Nichols was *Dr. Melvin B. Watkins*, Associate Attending Surgeon, Orthopaedic Surgery. Boyhood friends in their old home town, Ogden, Utah, the doctor and the redhead played in several bands together. Dr. Watkins considered a musical career (piano, clarinet) before deciding upon medicine.

CLERGYMAN: *Victor McCartney*, who works in the Food Department during the week, spends many a Sunday here visiting the sick. He is a Methodist minister, having been ordained last August by Archbishop Frederick A. Touté at the Cathedral of the Good Shepherd. The Rev. McCartney is rector of New York's St. Stephen's Church.

BIRTHDAY: An old friend of hundreds of Medical Center commuters—the George Washington Bridge—had a birthday this year, its 25th. The stately span, second largest in the world, is now in greatest demand of the six Port Authority vehicular crossings linking New York and New Jersey.

Before the bridge was opened in 1931, Medical Center employees had to rely on sometimes unreliable ferries to get to and from their New Jersey homes. Now, it's a quick trip by private car or express bus for a growing number of employees here.

The bridge carries more than 37 million vehicles a year and plans are being made to increase its capacity by adding a second deck to the structure.

RETIRING THIS MONTH: Miss Rosabelle Haney, Social Service case worker. A graduate of the School of Nursing of St. Luke's Hospital in

Chicago, Miss Haney came to Presbyterian and its Social Service staff via the New York Orthopaedic Hospital, where all social workers used to be registered nurses.

Miss Haney served on the nursing staff at Orthopaedic from 1927 until 1929, when she "deserted" temporarily—"for exactly two years and two weeks"—to join a visiting nurse service. She returned to Orthopaedic in 1931 as a social worker, transferring to the Social Service Staff at Presbyterian when Orthopaedic moved to the Medical Center six years ago.

At the moment Miss Haney is looking forward to spending the winter in Florida with some of her former classmates from St. Luke's. Beyond that, she says, her plans are still a little vague, but she thinks she will probably return to her former home in Ohio "in a year or so."

A RECEPTION was held last month in Sturges Lounge, Maxwell Hall, for students completing Occupational Therapy at P & S. After finishing clinical affiliations, 26 students will receive Bachelor of Science degrees or certificates from the Faculty of Medicine. Two of the students are from Norway. They plan to return there to assist in educating future occupational therapists.

BORN: To *John Pierce* (Protective Department) and Mrs. Pierce, a boy, *David Francis*, October 31, in Sloane. Their other children are *Eileen*, 2; *Marie Clara*, 4; *Michael*, 6, and *Carol Ann*, 10.

GRANDMOTHERS: *Mrs. Eleanor Deery*, assistant supervisor, Maxwell Hall kitchen, became a grandmother October 30. Her daughter, *Mrs. Eleanor Lehsten*, formerly a nurse aide here, has named the baby *George* . . . *Mrs. Emily Shadt*, secretary to *Francis V. Britt*, (Administrative Assistant, Buildings & Grounds) is the proud grandmother of *Valerie Shadt*. The baby's father, *John Shadt*, formerly worked in Maintenance & Construction here.

ENGAGED: *Miss Lee Nancy Robins*, second-year student at P & S, and *Dr. Richard Alan Gardner*. A May wedding is planned.

What's Your Medical Center IQ?

This brief test may give you some idea. For the answers, please turn to Page 4.

1. The site of our Center was, from 1903 to 1912, the home diamond of The Highlanders, predecessors of today's:

- a. New York Giants.
- b. New York Yankees.
- c. Brooklyn Dodgers.

2. The Medical Center's expenditure for telephone service in 1955 was about:

- a. \$116,000.

- b. \$216,000.
- c. \$316,000.
- d. The cost of standard sutures has increased since 1936 by:

- a. 16½%.
- b. 65%.
- c. 165%.
- d. The number of hours donated here by volunteers in 1955 is about the same as the 1950 population of:

- a. Bessemer, Ala., (28,445).
- b. Binghamton, N. Y., (80,674).
- c. Norwalk, Conn., (49,460).
- d. Waterloo, Iowa, (65,198).

Early Benevolence Wide at N. Y. Orthopaedic Volunteers Began Home Nursing Service

"We especially desire the assistance of earnest, benevolent ladies, who would become interested in some of the most needy cases, and visit them in their homes," Dr. Taylor said in 1872. The benevolent ladies were to prove essential to the New York Orthopaedic Dispensary. Gently persuading their husbands toward more help for the "struggling and suffering poor" in the early years, kind-hearted women of property later began to make substantial contributions from their own resources. Anna Roosevelt herself, a grown-up beauty, was president of the board of lady supervisors by 1888.

Sometimes the benevolent ladies found it rough going. Dr. Newton Shaffer, who served as surgeon-in-chief from 1875-1898, carefully reported:

"One of the ladies left a bottle of



THE NEW YORK ORTHOPAEDIC DISPENSARY

FOUNDED BY THE TAYLORS—1870
James Russell, President; David C. Gann, Secretary; Charles P. Taylor, Treasurer; David C. Gann, Treasurer; Charles P. Taylor, Treasurer; David C. Gann, Treasurer.

NEW YORK ORTHOPAEDIC DISPENSARY opened on Broadway near 34th Street, October, 1866.

braces, and elbow room in the clinics where students and practitioners from all parts of the city could stand



THEODORE ROOSEVELT, father of President Theodore Roosevelt, founded New York Orthopaedic. Mr. Roosevelt's strong sense of responsibility to his community made him a leader, as one of his friends said: "In everything good that happened in New York for twenty years. I never saw him come into my office but I instinctively took down my check-book."

Jacob Riis wrote of him: "One day of the seven he gave, however driven at the office, to personal work among the poor, visiting them at their homes."

Mr. Roosevelt's sister shared his interest in Orthopaedic and her husband, James K. Gracie served as trustee for 26 years, visiting the hospital every day for many of them. Anna Roosevelt Cowles, whose cure as a child had led to the founding, became a trustee. Her son, William Sheffield Cowles, is today a trustee of The Presbyterian Hospital, of which New York Orthopaedic is now a part. Corinne Roosevelt Robinson, Anna's sister, was also active.

whiskey and some freshly prepared beef tea with a patient. Though the stimulant and nourishment were to be given in small, but equal, quantities, the whiskey disappeared very rapidly, while the beef tea remained untouched. Investigation proved that not only had the mother of the patient indulged in frequent potations of the donated whiskey, but had also invited some of her friends to partake with her. After this incident the beef tea and whiskey were mixed. . . ."

Benevolence covered a wide ground. By 1873, the Dispensary was in a new building on 59th Street, which included ward beds for 30 patients, a gymnasium for exercise, a large workshop for making

to observe the new methods. Lewis & Conger sent in a refrigerator, cups and plates, pitchers and scrubbing pails. W. & J. Sloane sent carpets and oilcloth; every now and then Park & Tilford sent up a few barrels of flour or sugar.

Mr. Buchanan Winthrop took all the little ward patients to Asbury Park for August, and Miss E. C. Whitney gave them each a sandpail and shovel. Many of the ladies regularly sent around their carriages to take the children for drives in the Park. Flowers, sponge cake, red-worst stockings, the Youth's Companion poured in; and, even in the bad year of 1898, Richard Webber sent turkey, quail, partridges, and claret for Christmas.

COUNTRY BRANCH was opened in 1904, the gift of Miss Emily Watson and Mrs. Harry Walker. Advance against tuberculosis made it possible to close country branch in 1943. Before its opening, Mrs. John T. Lyle had cared for 50 children each summer in her country home.

A few of the many who contributed to the growth of Orthopaedic were: Mr. Eugene Delano, Mr. Robert Brewster, Mr. Egerton Schmidt, Mr. and Mrs. Charles Alexander, Mr. and Mrs. Charles deRham, Mrs. White'aw Reid, Mr. and Mrs. Murray Young, Mrs. Augustus D. Julliard, Mr. and Mrs. D. Sloane.

Miss Theodora Root, who was superintendent of the Hospital for 31 years, loaned the illustrations used in this issue.



Ninetieth Christmas at Orthopaedic (Continued)

profited from Leonardo da Vinci's investigation of muscle function. He used them to cure three-year-old Anna Roosevelt of a spinal disability.

Anna's father determined to make such treatment available to the many children whose families could not afford to pay for it.

Some good friends joined hands: young Howard Potter, financier, a founder of the famous U. S. Sanitary Commission, the American Museum of Natural History, the Metropolitan Museum of Art, the N. Y. State Charities Aid Association; James Brown, soon to become head of the great banking house of Brown Bros. & Co., president of the New York Hospital, trustee of The Presbyterian Hospital; John L. Aspinwall, of the famous shipping family whose China clippers still in 1866 came into New York harbor with all sail set.

Dr. Taylor had little but their confidence and generosity to assist him. He was denounced as a quack by the leading men of the day, who treated the "white swelling" around the spine by putting patients flat on their faces in bed, usually for years (sometimes holes were cut in the bed for the face).

The X-ray, Koch's discovery of the tuberculosis bacillus, bone and joint surgery, vitamins for rickets—all these still lay in the future. Anesthesia was only 20 years old, and, in many hospitals, had not yet the placed ring bolts and tackle for the reduction of bone dislocations.

But Taylor, in the dark as he was about tuberculosis and rickets, had set in motion a scientific enterprise whose generations of orthopedists were to mend club feet, straighten bow legs, turn wry necks, smooth humpbacks and straighten curved spines, release limbs bent by arthritis, grow new bone from grafts, rebuild shattered hips, transplant active muscles to replace muscle function destroyed by poliomyelitis—and even, eventually, throw some light on the cause of low back ache.

The man who made it possible to take the hump from thousands of small

backs was Dr. Russell A. Hibbs, appointed surgeon-in-chief of the New York Orthopaedic Dispensary and Hospital at the age of 31. Hibbs' formal medical training had amounted to two terms of six months each. Determined to learn, he came to New York without so much as a letter of introduction, worked his way up through the Hospital staff.

Fiery-tempered, a hard taskmaster, Hibbs was also the kind of doctor who sat down to explain, in the most gentle and careful way, exactly what a mother might expect for a crippled child. Curing tuberculosis of the joints was his obsession. He tried everything there was to try.

First there was "a place in the country, in a healthy locality. . . ." Gentle Miss Emily Watson and her sister, Mrs. Harry Walker, gave \$3 million, and the Country Branch of the Hospital served for thirty-nine years.

But too many of the children, in spite of fresh air, skillful bracing and exercise, were not cured.

Hibbs noticed that the only TB-damaged spines that got well and stayed well were those where bracing and immobilization had apparently encouraged the vertebrae to grow together. The result was a fused or jointless spine. He began to recognize that the only way to cure well-established tuberculosis of the joints was to eliminate the joints. He and a few other men had already operated to fuse the knee joint. A stiff leg seemed a considerably better remedy for the disease than the only other surgical correction then available: amputation.

END OF THE HUMPBACK

Hibbs began to cast about for a way to perform surgical fusion of the spine. By 1911, operating on cadavers made available to him at the College of Physicians and Surgeons, he had perfected a technique for cutting the tip (spinous process) of each vertebral arch, and bringing it flat as a bony bridge to the next vertebra. As the cut bone surfaces healed, the two vertebrae grew together. This was the famous spinal fusion operation.

The first patient operated upon was an 8-year-old boy, who grew up in perfect health and became a truck driver. By 1923 Hibbs was able to report 1,000 successful spinal fusions and to say, "The hunchback will no longer be seen."

EARLY DISPENSARY SCENE includes staff members (l. to r.): Nurse May Haugh, Dr. Reginald W. Macintyre, Dr. Benjamin P. Farrell, who succeeded Hibbs as surgeon-in-chief; Morris Kugelman, who for many years was in charge of orthopedic shoes.



OPERATING ROOM was installed in 1895, the gift of J. P. Morgan. X-ray room was installed the same year, one of the earliest in hospitals in this country. Scene in 1898 shows (l. to r.) nurses Amelia Shettle, Helen Lynch; Dr. Russell A. Hibbs and Dr. Newton M. Shaffer. In the gallery: Drs. Irving Haynes, Henry J. Bogardus, David Bovard.

By this time the trustees had built a new Hospital, opened in 1916 at 420 E. 59th Street, with sun roof and loggias, the finest of operating rooms, pathological laboratories and X-ray rooms. Exact diagnosis and surgical correction were replacing braces and putting many wheel-chair patients back on their feet.

Severe lateral curvature of the spine, or scoliosis, once considered a progressive and incurable deformity, had also yielded to the spinal fusion operation. Countless children were by their means rescued from spinal deformities left in the wake of the city's first big polio epidemic, which hit 9,000 children in 1916, most of them not yet five years old.

Hibbs died in 1932, still at work. Some 280 former ward patients gave \$673 in his memory. An Irishman who had struck it rich remembered that Hibbs had once cured the crippled daughter of his best friend at no cost, and sent in a check for \$270,000.

A few years before Hibbs' death, De Lancey Jay had heard him speak to the Union League Club on the need for training enough orthopedic surgeons to provide the new corrections. A trustee of the estate of Mrs. John Innes Kane, Jay set up the \$1 million Annie C. Kane Fellowship Fund to maintain surgeons from three to five years while they acquired the skills necessary for the difficult new orthopedic surgery.

START OF THE BONE BANK

The earliest spinal fusion operations had shown that newly attached pieces and chips of bone encouraged new bone growth. By the 1930's bone grafts were being used to patch up almost any battered or weakened part of the skeletal system.

In early transplant surgery, large bone grafts were usually supplied by close relatives. In one of these cases, Dr. Alan deForest Smith found it necessary to store the graft at low temperature before the surgery could be completed. Why not, thought Dr. Smith, a permanent storage, or bank, of sterilized bone, which could be drawn upon for surgical transplant?

Bone banks are now routine practice in most large hospitals caring for

orthopedic patients. The first bone bank in a civilian hospital was started by Dr. Smith and his colleagues.

Appointed surgeon-in-chief of the Hospital in 1940, Dr. Smith set a new course in his first report: "We cannot place diseases in definite compartments, each to be treated by one specialist. In order to provide the best care for our patients we must have the constant services of all the different departments of medicine and surgery."

ALLIANCE WITH PRESBYTERIAN

In 1945 the New York Orthopaedic Dispensary and Hospital formed an alliance with The Presbyterian Hospital. On the day after Christmas in 1950 the last 34 patients of New York Orthopaedic were transferred by ambulance to a new orthopedic hospital on the fifth floor of Presbyterian, at the Columbia-Presbyterian Medical Center.

Among the changes that were linking orthopedic surgery ever closer to other branches of medicine was the advance against tuberculosis. Pure milk, better housing, economic advance had struck the disease at its root, and after World War II the first effective drugs, streptomycin and the isonic acid hydrazides, came into use.

Last year Dr. Smith reported that, thanks to the strength of the new defenses against tuberculosis, fewer children were being seen in orthopedic clinics and operating rooms. Congenital deformities, he said, were also being recognized and treated earlier. One of the many examples: club foot, once corrected by surgery, is now most usually diagnosed at birth, corrected within a month by a simple plaster cast.

In July 1956, when Dr. Smith retired as director, Dr. Frank Stinchfield was appointed director of the Orthopedic Service. It was a year when Orthopedic clinics served over 7,800 new patients. This number compared with 75 cases treated in the year 1866 and brought to over 400,000 the number of clinic patients who in ninety years benefited from the benevolence of Mr. Roosevelt and of the many who came to take his place.

"The next major advance in orthopedics," Dr. Stinchfield said last week, "must be against the crippling conditions, which, as the life span lengthens, are increasingly affecting adults. Perhaps the chief of these is increased incidence of arthritis of the various joints. With increasing knowledge of the mysteries of bone growth, orthopedic surgeons are moving toward more plastic reconstructions than have hitherto been available to us."

Answers to questions on Page 3.

- 1-b, Yankees.
- 2-c, \$316,000.
- 3-c, 165%.
- 4-b, Binghamton. (Volunteers donated 80,276 hours last year.)



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

Volume *II*, No. 1

January, 1957

Enlarged 25-Year Club Prepares for Annual Meeting on March 28

The big night of 1957 for veteran members of the Medical Center family will be bigger than ever this year.

The 25-Year Club of The Presbyterian Hospital is being expanded to include staff members and employees of the College of Physicians and Surgeons. In the future the organization will be known as the 25-Year Club of the Columbia-Presbyterian Medical Center.

The change will take place at the club's annual dinner Thursday night, March 28, in Bard Hall. A reception is scheduled for 6 p.m., with dinner about an hour later.

The expansion of the club will make eligible for membership a number of people who have had 25 years of combined service (partly as P & S and partly at Presbyterian). Those now employed by the Hospital should call C. Douglas Auty, Administrative Assistant for Personnel, (extension 8105) to see if they qualify for membership. Those now employed here by Columbia should call Bernis D. Moss Jr., Business Officer of the College of P&S, (extension 7851).

Dr. George F. Cahill, president of the club, will be toastmaster at the dinner. The other club officers are: vice presidents, Mrs. Carll Tucker of the Board of Women Managers of the Babies Hospital, and Miss Dorothy Kurtz, medical record librarian; secretary, Miss Anne E. Healy of Food Service; assistant secretary, Miss Helen Hannon of the Record Room, and treasurer, Phillip W. Sulzer, Collection Department.

IN FOCUS: Another Zinsser Joins Us

If you look at the wall of a large artery with the aid of an electron microscope, you can see a matted network. Here and there in the meshes of the net are minute cubic crystals. To scientists who are at home in this microscopic terrain, the tiny crystals are a clue to one of life's central mysteries. Why does the body age, and what, after all, is age itself?

To today's researchers, ageing of body tissue is, perhaps more than anything else, a change in elasticity. It is this loss that makes the firm

skin of youth wrinkle and pouch with age.

Inside the body, the sagging may amount to more than a cosmetic defect. Changes of elasticity may impair the work of vital parts of the machinery of the body — the arteries are an example.

According to Dr. Hans H. Zinsser, a new member of the staff of the Urological Service, the tell-tale crystals sometimes seen in the elastic net of the arterial wall are a salt of a metal not usually seen in body

(Continued on page 2)

Christmas Comes to the Medical Center



Christmas was the time for parties at Presbyterian Hospital and here is a typical scene. It's the annual Orthopaedic child patients' party. The entertainer is drummer Sam Ullano who volunteered his services for the fifth consecutive year.



Chaplain Reeves, art committee chairman, awards one of the five first prizes to Miss Jennie Pino (center) and Miss Jean Barry for DPPO windows.

Art Contest Attracts More than 60 "Murals"

A lot of hidden talent came out into the open last month during the Christmas decorations contest here. As Christmas approached, hundreds of Medical Center windows came alive with colorful scenes ranging

from the spiritual to the hilarious.

Staff members, employees and volunteers stayed after hours to paint their pictures. The result was one of the best collections of Christmas windows ever on view here.

From "murals" in more than 60 areas of the Center, the judges selected the following 20 prize winners:

Five first prizes: to Miss Jennie Pino and Miss Jean Barry for their window in Doctors' Private Practice Offices; to Dr. Robert W. Moncrieff, Assistant Resident, Pediatrics, for window in Room 917 of Babies Hospital; to Miss Hope Barrett for windows in Room 106 of Babies Hospital; to Miss Isabella Jeselson, and other staff members in VC 3, Orthopaedic Clinic; to Mrs. Eva Tanner, nurse in charge, and attendant Roger Logan in VC 3, Urology Clinic.

(Continued on page 3)

Center Researcher Sees Earliest Stages of Life Under Phase Microscope

Researchers in many countries have recently been looking at a set of photographs that are changing some of their views about the start of human life. The pictures are the harvest of four years of observations by an investigator at the Columbia-Presbyterian Medical Center. They are among the many results of a vigorous program of basic and clinical research being carried on in the Division of Obstetrics and Gynecology.

The photographs are a record of that largely unknown stage of human life — the ovum or egg. What makes them different from other microscopic views of the human egg-cell is that they show earlier phases than most investigators have been able to secure. They show the ovum at a phase that might be said to be before its own birth — that is, as it has existed in the intact sac, or follicle, of the human ovary.

Start of Life

Dr. Landrum Shettles, who has collected these records of the almost invisible ovum, has already seen his remarkable photographs included in a dozen textbooks. But some weeks ago Dr. Shettles, looking into his microscope, saw a sight more remarkable than any of the marvels he had seen before. One of his specimens, withdrawn only minutes before from an unbroken ovarian sac, was already swelling in the explosive multiplication of the start of life. That is, the unfertilized ovum had become an embryo-like organism of approximately fifty cells (see photograph). This is a stage of development known to be reached by a four-day-old embryo.

Cellular division of the unfertilized ovum is a biological occurrence not hitherto known in the human species. From the time a spermatozoon floated under Leuwenhoek's lens, the union of sperm and egg cell has been held to be an essential event in the genesis of higher forms of life.

Green Flies in Summer

Among certain insects and the microscopic creatures that live on pond-bottoms, this union is not required. Here males are scarce and the favored form of reproduction is by development of an unfertilized

(Continued on page 4)

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First Baby of '57 Here Born to P. H. Alumna

The Medical Center's first baby of 1957 was born at 3:14 a.m. on January 1 to Mrs. Doris Patenaude Brady, a 1953 graduate of the school of nursing here. The New Year baby, Donna Dorett Brady, weighed in at six pounds, 14 ounces.

Dr. Fletcher Off to India After Study Here

Dr. Archibald Fletcher, a missionary surgeon, returned to India with his family this month to practice and teach new techniques in tumor surgery acquired during a year's work at the Delafield Hospital here.

Dr. Fletcher will resume at the medical center in Miraj, India, the work which he started almost a decade ago. Dr. Fletcher is a 1942 graduate of the College of Physicians and Surgeons.

At a meeting in Bard Hall last month, Dr. Fletcher described the challenges and problems involved in operating a modern medical center in such a locale. The meeting was sponsored by the St. Luke's Society.

Miss Susan Moore, a 1943 graduate of the nursing school here, is also serving at the medical center in Miraj. She is an instructor in the school of nursing there.

Dr. John Scudder, now an Assistant Attending Surgeon here, served at Miraj for three years, as surgeon and dean of the medical school.

Dr. Caffey Given Medal

In London last month, Dr. John Caffey, Attending Radiologist here, received the Mackenzie Davidson Medal. The British Institute of Radiology presents the award annually for distinguished work in radiology or an allied field. At the same annual meeting of the Institute, Dr. Caffey delivered the Mackenzie Davidson Memorial Lecture.

Dr. Caffey spoke on two other subjects during his visit: "Predilection of the Hip," before the staff of London's Hospital for Sick Children, and "Infantile Cortical Hyperostosis" before the Orthopedic Section of the Royal Society of Medicine.

In Memoriam

Dr. Gwendolen Schlaegel Jones, one of the most respected and beloved members of the Medical Center family, died December 30 at the age of 53. Dr. Jones had been a physician and teacher here for a quarter of a century.

A member of the 1925 class of Wellesley College, she was graduated four years later from the College of Physicians and Surgeons.

Dr. Jones interned at The Presbyterian Hospital for two years beginning October, 1929. In 1932 she became an Assistant in Medicine at the College and an Assistant Physician at the Hospital. She was made Instructor in Medicine at the College in 1954. Dr. Jones was also physician to the Department of Nursing, Columbia.

A memorial service was held January 2 in the Riverside Church.

In one of many tributes, Miss Eleanor Lee, R.N., Director of Nursing, said, "Dr. Jones always gave generously of herself to the health service in the care of nurses, both graduate and student. Her sympathetic and personal touch was very much appreciated by all who came under her care."

Dr. William Mayer, Consulting Psychiatrist at the Neurological Institute, died December 11. Here since 1944, Dr. Mayer had served as Assistant Neurologist, Assistant Attending Neurologist and later was on the courtesy staff of N. I.

Deepest sympathy to Florence Vanderbilt, Director of Residence, Department of Nursing, upon the recent deaths of her mother and father.

Heads AMA Eye Section

Dr. Algernon B. Reese, Attending Ophthalmologist and Pathologist in the Institute of Ophthalmology, has been elected chairman of the Eye Section of the American Medical Association for 1957.

Dr. Reese was awarded the Howe Medal last year for contributions in research and clinical practice. The award is made annually by the University of Buffalo's School of Ophthalmology.

Dr. Zinsser Joins Us

(Continued from page 1)

chemistry — perhaps aluminum. Dr. Zinsser's X-ray diffraction studies are showing that these crystalline particles accumulate about the elastic fibrils with age, freezing them into undue rigidity by cross links.

"If the chemical process leading to this metal accumulation could be found," Dr. Zinsser says, "reversal might be possible." This is careful scientific language for saying that researchers, here and elsewhere, are seeking a chemical transformation that might make aged tissue act young again.

The metallic track of time is only one of Dr. Zinsser's many interests. A major one is an attempt to analyze the work of the kidney by setting up an analogous electrical circuit and expressing flow through this circuit by means of 32 mathematical equations. In such analysis, a large number of recurring constants are unknown. One of them is elasticity.

Dr. Zinsser has developed special resins and an electrical "Maxwell demon" or ion exchange mechanism to increase the efficiency of artificial kidneys. He is also currently working in sperm physiology and extending his long-time study of kidney stones. His recent review of the biochemical background of the cystine stone (which has been a subject of intensive study here at the Medical Center) cites 378 references.

Worthy son of an illustrious father, Dr. Zinsser comes to the Medical Center staff from the University of Southern California. His



Dr. Hans Zinsser, Urology

father, Dr. Hans Zinsser, was a bacteriologist whose work on typhus won him scientific eminence and whose literary gift (*Rats, Lice, and History, As I Remember Him*, etc.) opened the world of science to the lay reader. The first Dr. Zinsser was a member of the staff of the College of Physicians and Surgeons from 1908-1911 and from 1913-1923.

The present Dr. Zinsser's interests were diverse before he entered medicine. His photos for the *Harvard Crimson* won him a bid from a projected picture magazine to be called *Life*, and his time-consuming analysis of Lewis Carroll's *Alice* (for hidden clues to the author's life) forced him off the fencing team in his senior year.

Dr. John K. Lattimer, Director of the Urological Service, asked Dr. Zinsser to join the staff to develop a widened program of urological research.

Miss McCoy Retires after 29 Years of Service

More than 100 friends and co-workers turned out on the night of January tenth to pay tribute to Miss Cornelia B. McCoy, head of Squier Urological Clinic's X-Ray Department, who retired this month after 29 years of service.

"That was one of the biggest thrills of all," Miss McCoy said later. "So many of my old girls came back. You know, I ran a regular matrimonial bureau up here — most of the technicians I trained left me to get married! It was just wonderful to see them all again."

Formerly at Roosevelt Hospital, Miss McCoy came to the Medical Center at the invitation of Dr. J. Bentley Squier when he founded the Urological Clinic here in 1923. She has been head of the Clinic's X-Ray Department ever since.

Dr. George W. Fish, who was also among the group Dr. Squier brought with him in 1928 and who is now an Attending Urologist, was among the distinguished guests who offered verbal testimonials to the guest of honor. Other speakers were Dr. John K. Lattimer, Director of Urology Service, and Dr. George F. Cahill, Director Emeritus. Dr. Thomas J. Sullivan, chairman of ar-

rangements for the party, presented Miss McCoy with an honorarium which included contributions from many former residents, co-workers and other friends who were unable to be present, as well as those who attended.

To Miss McCoy's comment that "it certainly has been interesting to watch the department grow over a period of 29 years" her associates will add that she herself deserves much of the credit for that growth. Dr. Lattimer notes in his annual report of the Urology Service for 1956 that "Miss McCoy has . . . by her own skill, dignity and dedicated personality built up the Urological X-Ray Department to its present eminence. She is well known to her myriads of patients and to the parents of hundreds of children, for her graciousness and patience in caring for them over the years. It is with extreme regret and sadness that the members of the Squier Clinic family face her impending retirement."

At least Miss McCoy will not be going far, however, or for long, since present plans call for her to return in March to work with Dr. Lattimer on one of his research projects.

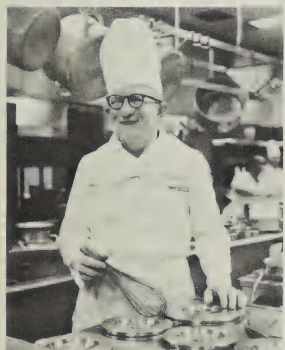
STETHOSCOPIA

INTRODUCING: Michael N. Widinich, our supervising chef, who is responsible for the preparation of 10,000 to 12,000 meals a day here.

Like many in his field, he learned to cook in Europe under a strict training program.

"I was born in Elizabeth, N. J.," chef Widinich says, "but I went to Yugoslavia with my parents when I was three years old. I went to school in Karlovac and I learned to cook at the Hotel Belgrade. It was a four-year course and you signed a contract and had to stay. It's not like that in this country."

After working in several Middle European restaurants, Mr. Widinich



returned to this country in 1929. His first job here was in the (now defunct) Hampton Restaurant. Later he ran his own restaurant, the Shamrock, in Atlantic City. Before coming here last May, he had been head chef first at the Hotel Croydon and later at Cavanagh's Restaurant on 23rd Street.

Mr. Widinich lives in Woodside, L. I., with his wife and ten-year-old daughter, Pamela. And how is his wife as a cook? "She's a very good cook," he says. "I trained her."

CHRISTMAS SPIRIT: With an assist from members of our Accounting Department, Santa Claus made his way last month from the Medical Center to the Christian Home for Children in Fort Lee, N. J.

There were 46 children at the home, and 46 Accounting employees willing to share Christmas with the youngsters. Mrs. Elizabeth Dixon, who originated the idea, made the arrangements.

A few days before Christmas a stack of brightly wrapped packages suddenly appeared at the rear of the Accounting office. For each child there were Sox, dungarees, a blouse or a shirt. In addition there were toys for the younger children and such things as bracelets or cuff links for the teenagers.

For the fourth straight year, Accounting's gifts were delivered to the home just in time for the children's Christmas pageant. Result: a happier Christmas for 46 children — and 46 members of Accounting.

BORN: A second son, William, to Mrs. John O'Gorman, November 20. Mr. O'Gorman is a scaffoldingman in Maintenance and Construction . . . To Mrs. John (Terry) DeVitis, formerly of the Assistant Secretary-Treasurer's Department, a daughter, Janet, November 20 . . . To Mr. and Mrs. Arsenia Velez, a son, Arsenia, Jr., January 8. Mr. Velez is one of our elevator operators.

CORRECTION: The Rev. Victor McCartney was incorrectly identified here last month as a Methodist minister. As he points out in a note of correction, "I am a priest of the One Holy Catholic and Apostolic Church (African Orth.)." The Rev. McCartney, who is employed in the Food Department here, is rector of St. Stephen's Church, A.O., in New York.

BRIEFLY NOTED: Miss Dorothy Kurtz, medical record librarian here, is the new president of the American Association of Medical Record Librarians . . . Miss Ann S. Parsons, formerly of the Convalescent Home, is now Lieutenant Parsons of the Naval Reserve at Naval Hospital, St. Albans, L. I.

WEDDING BELLS: The Pauline A. Hartford Memorial Chapel was the scene December 1 of the wedding of Dr. Oscar Carl Adamsons, Jr., resident physician at PH, and Miss Hannelore Rothfos, medical technician at Delafield.



RETIRED BUT STILL ON THE JOB: Mrs. Josephine Mollenhauer, pictured in the Roman Catholic Chapel here, retired as a Presbyterian Hospital employee this month after 13 years of service. But she is still a member of the Medical Center community and she is still devoting many spare hours to her volunteer chapel duties. Mrs. Mollenhauer retired January 1 as receptionist for the Doctors' Private Practice Offices.

Mrs. Mollenhauer was secretary for 20 years to the late John S. Parke who was Executive Vice-President of this Hospital during part of that time.



Mrs. Eva Tanner, R.N., accepts a first prize from Chaplain Reeves for Christmas windows in Urology Clinic, VC 3.

Christmas Art Contest

(Continued from Page 1.)

There were more than 20 windows decorated in each of the VC 3 areas and the winners report they had "a great deal of help from department members."

One of the five "second prizes" went to Miss Lorraine Jacobsen, R.N., for 12 windows on BH 5, Orthopedic. Another was given to Miss Iselyne Maughan, a patient, who planned the display on PH 5 East, and to the staff in that area for the actual painting of the windows. Student nurse Betty Lou Muchleck and Dr. Edward Burka, who were aided by others in the area, won a second prize for windows on PH 8 East.

The other second-place awards were made for the lobby display at Neurological Institute and the window scenes in the Emergency Admitting area of VC 1. The art work at Neuro was a joint effort by the nursing staff and the Occupational Therapy Department. Nurses, nurses' aides, Protective officers and others contributed to the display in VC 1.

Honorable mention was given window paintings by: Cornelia Berrien, R.N., and Mrs. Louise von Geldern, a student nurse, at the Institute of Ophthalmology 3; Mrs. Mary Jane Speciale, R.N., and the staff on PH 16-C; student nurse Ana Ahrens and Mrs. Dorothea Delehanty, a patient, PH 15-33; infant nurse Carmen Brereton, PH 1609; staff nurses Patricia Maines, Jean Flagler, Jane Christensen and Paula Shepard, who were helped by freshman nursing students, PH 8-6; and student nurse Carolyn Junge and staff on PH 12-E.

Group projects by the staff and personnel of PH 14-C, the Emergency Ward, VC 3, and the Overnight Ward, VC 1, also received honorable mention.

At Mary Harkness Convalescent Home the first prize went to Stanley Muzoleski and Thomas Boyle for the outdoor decorations. Mrs. Bettie Jayne Hall of Pediatrics was awarded second prize.



Another first prize winner was this manger scene by Dr. Robert W. Moncrieff in Room 917 of Babies Hospital.

QUOTES

From the Month's Mailbag

"The nurses were wonderful. There just aren't any words big enough for their kindness to all their patients . . ."

"I have never seen a hospital floor run so superbly. And with all its efficiency, your hospital is friendly and warm in spirit . . ."

"I was particularly happy about the calm and pleasant way things went in the labor room. This was my first baby and I could easily have become frightened but for the care given me there . . ."

"Only God could bestow the rare gift with which Dr. — (Surgical Service) has been blessed . . ."

"I am so thankful and happy that I must tell you of the wonderful care and kindness I received at the Eye Institute. Although I'm past eighty, I can read, sew, and go out alone since they removed the cataracts from my eyes . . ."

Earliest Stages of Life

(Continued from Page 1.)

egg-cell. (Scientists call this parthenogenesis, which means virgin birth.) Green flies turn to this means of reproduction in the summertime, the drone bee grows from the queen's unfertilized egg, even the dandelion requires no mate.

Artificial Parthenogenesis

Probing the great mysteries that wheel with the chromosomes as life begins, the great physiologist Jacques Loeb produced parthenogenesis in the egg of a sea urchin by increasing the salt in sea water (where sea urchins normally leave their eggs to encounter floating sperm). Loeb raised frogs from unfertilized ova; recently, Gregory Pincus raised rabbits.

The fifty-celled but unfertilized human ovum observed by Dr. Shettles is not the first example of such development. He had earlier seen two others: an ovum at the two-cell stage and another at the four-cell stage.

Of the many questions surrounding these unprecedented observations, not the least is the number of chromosomes that might be found in each cell of the developing but unfertilized ovum. In the human embryo, life begins when two sets of chromosomes meet; the polar march of man's 46 chromosomes¹ marks cell division. Will the developing ova found by Dr. Shettles prove to have the 23 chromosomes of the egg-cell or the 46 of embryonic life?

Signal of Sex

Dr. Shettles is now trying to find out, and he is using a signal that he has already found useful in determining the sex of unborn infants by examining cells found in amniotic fluid (in the chance cases where there is leakage or a medical need for withdrawal of fluid). This signal (chromatin) as well as other aspects of Dr. Shettles' work are described in connection with the accompanying photographs.

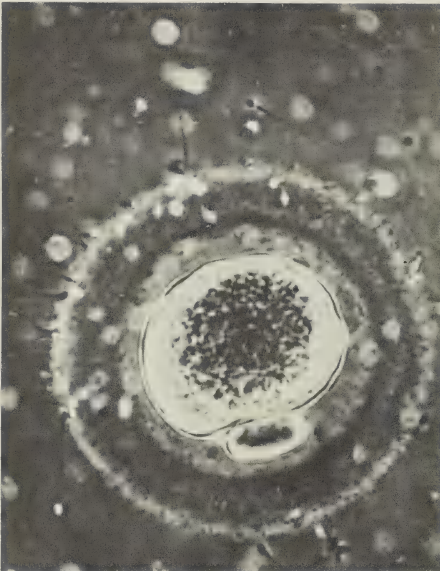
Delicate Technique

The three cases where cell division (cleavage) had begun inside the sac or follicle of the ovary were found in examination of over 400 human ova. Most of these were obtained either during gynecological surgery or from ovaries immediately after their surgical removal. Thus the exact observations of basic research in this case depended upon a wealth of immediately available clinical material.

Dr. Shettles collects his specimens by scrubbing up and standing in at many a surgical procedure in the Hospital. The technique is delicate: The follicle is pierced by a minute needle and the speck-like ovum, swimming in the straw-colored follicular fluid, is withdrawn in a sterile syringe. Within minutes, he has the ovum, pinned in its natural pond



UNFERTILIZED HUMAN EGG CELL in cellular division. Egg cell was taken from intact ovarian follicle, examined immediately. Approximately 50 cells are present, but exact count could not be made because different focal levels of phase contrast microscope are necessary.



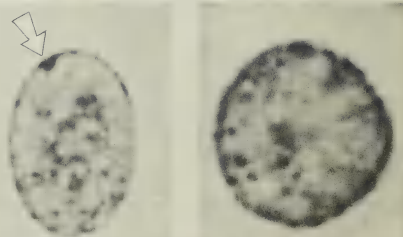
by a dike of vaseline, under a phase contrast microscope in his laboratory in the College of Physicians and Surgeons.

Phase contrast microscopy, devised by a Dutch physicist in 1935, is the reason why Shettles can observe the transparent, living ovum. Before this instrument, which exploits small differences in light diffraction by the object to make its detail visible, microscopists had to stain such tiny transparencies in order to see them. (German microscopists discovered the march of the chromosomes in spite of the great handicap of observing only dead, stained, out-of-sequence cellular specimens.)

Shettles' dexterity in getting the speck-like ovum on stage may date



SPECK barely visible on glass under microscope shows life size of ovum, shown magnified some 500 times at left. Ovum photographed at 50-cell stage is floating in fluid and surrounded by membrane (zona pellucida). It is at stage approximating a four-day-old embryo.



MALE OR FEMALE? Dr. Shettles' work answers this age-old question about an unborn infant in cases where leakage of amniotic fluid makes cast off body cells of the infant available for microscopic examination. Views above show nucleus of male cell (l.) and nucleus of female cell (r.). Arrow points to female chromatin mass visible at periphery of stained nucleus of female cell. This mass is formed by the two X chromosomes of the human female. The Y chromosome is considerably smaller and when it joins with the X chromosome in the male nucleus it forms a mass not visible by present techniques.

Looking for the X-X chromatin mass is one means Dr. Shettles can use to determine whether multiplying cells of the unfertilized ovum have two sets of chromosomes (see text).

LIVING HUMAN EGG at moment at fertilization. Several sperm have penetrated the outer layer of the egg and one polar body has been thrown out of egg cell nucleus. Sperm were introduced in vitro. Sperm are not attracted to the egg by trophic action, but come in contact with it by chance. In life, the number of sperm penetrating outer layers of ovum is not known.



back to Johns Hopkins, where he earned his way by counting parameria in genetic studies. This researcher, who is now internationally known for his observations and a Markle Scholar in Medical Science, may hold something of a work-your-way-through record. Son of a Mississippi farmer, he worked his way through college, through graduate school for M.S. and Ph.D. degrees, then worked his way through medical school. He also developed quite a knack for cooking a good stew in laboratory beakers.

DR. LANDRUM SHETTLES divides his time between patient care, teaching, and research. Shown here in the Vanderbilt Group Clinic he advises on case presented by Tenki Sangmu Tendul La, a fourth-year medical student from Tibet, whose home is now India.

¹Recent research reports indicate that the number is not 46, as previously held.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME ~~XX~~ No. 2

FEBRUARY, 1957

Heart Surgeons Add Open-Heart Procedure to Resources Here

In each minute of life the tireless muscle of the human heart pumps a gallon or more of blood into the arteries of the body. Spending as much energy as the arm and leg muscles of two men running at top speed, the heart's ceaseless motion sometimes does not keep pace with today's lengthened span of life.

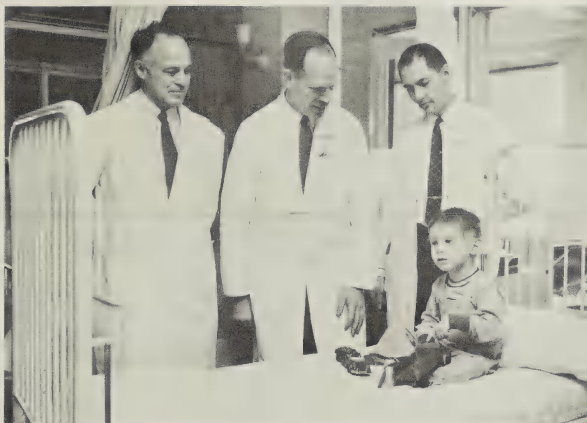
In countries like the U. S., where there has been a substantial conquest of the germ diseases, heart disease now stands as the chief cause of death. Hardening of the arteries (arteriosclerosis) and severe and chronic high blood pressure (hypertension) are major hazards to the heart (see next issue for a report on hypertension work here.) Although the causes of both diseases seem locked in the chemical tides that wash through the 12,000-mile network of arteries, veins and capillaries in the human body, there are now some ways to check or repair their damage.

Rheumatic fever is an unvanquished disease of childhood and youth. But the worst of its possible consequences—damage to the valves of the heart—can today often be repaired.

While research sought the hidden causes that produce a given result, and medicine increasingly forestalled what yesterday was an inevitable sequence, the surgeons met the worst results and did what they could about them. What they could do was enough to seem a miracle to many patients.

From the beginning of modern heart surgery in the late 30's and even before antibiotics and blood banks were at hand to reduce the hazards of this kind of repair, surgeons at The Presbyterian Hospital kept pace with the rapid development in this field.¹ Today there are an increasing number of heart and vascular defects which Presbyterian surgeons can correct.

They can build shunts around blocked channels of blood flow, and they can revise the mistakes that Nature makes, on rare occasions, in arranging the great blood vessels of the heart. They can cut out the great, blood-filled blisters (aneurysms) that sometimes balloon in arterial wall damaged by the silt of arteriosclerosis, and replace these artery



HEART SURGEONS visit four-year-old patient restored to health by repair of four congenital heart defects (Tetralogy of Fallot). Dr. George Humphreys (center), Director of Surgical Service, with Dr. Robert H. Wylie (l.) and Dr. Ferdinand F. McAllister (r.)

A. T. & T. President Becomes Hospital Trustee

Frederick R. Kappel, president of the American Telephone and Telegraph Co., has been elected to the board of trustees of The Presbyterian Hospital.

A native of Albert Lea, Minn.,



Frederick R. Kappel

Mr. Kappel was graduated from the University of Minnesota in 1924. In the same year he began work with the Northwestern Bell Telephone Co. in Minnesota, first in plant construction and maintenance and eventually in engineering. In succeeding years he rose through the ranks to executive positions.

Mr. Kappel was elected president, chief executive officer, and a director of American Telephone and Telegraph last September. He had been president of the Western Electric

Co., manufacturing arm of the parent corporation, since 1954.

Griswold an Honorary Trustee

W. E. S. Griswold, Jr., a member of the Hospital's board of trustees since 1943, has become an Honorary Trustee. For many years president and director of W. & J. Sloane in New York, he is now associated with General Mills, Inc. in Minneapolis, Minn.

Mr. Griswold was most active as chairman of the board's Nursing Committee, served as Secretary of the Hospital, as an alternate member of the Joint Administrative Board, and as an *ex officio* member of the Executive Committee. He was also a member of a number of other Hospital committees. His interest in the Hospital will continue.

Lectures, Tours Started For New Employees

"Here at the Medical Center we are all members of a team," Miss Lillian Oring, R.N., told a group of new employees this month. "And all of us are working for the most important person in this hospital: the patient."

Miss Oring, Administrative Assistant for the Nursing Service, was speaking at the first of a weekly orientation series for new members of the Hospital community.

G. Douglas Auty, Administrative Assistant for Personnel, is in charge of the program which is designed to

Art Exhibition Will Open March 19 at New Site, Twentieth-Floor Lounge

The Women's Lounge on the 20th floor of Presbyterian Hospital will be the scene of the Medical Center's seventh annual Arts, Photography and Crafts Exhibition. The show will be held from Tuesday, March 19, through Friday, March 29.

It is open to all members of the Medical Center family. And as Chaplain Robert B. Reeves, Jr., art committee chairman, points out, "It's for amateurs and doodlers as well as accomplished artists. It's not a professional show, so there's no reason to be shy about entering."

The entire exhibition will be set up in the 20th floor lounge, which is known as the Rendezvous Room. It is a large room that provides good lighting, and even soft music.

Entry blanks will be circulated throughout the Center and will be available at the Public Interest Department (PH 4-32). Monday, March 11, will be the deadline for entries.

All members of the staff and personnel of the Medical Center are eligible to display work in the exhibition and are cordially invited to do so. Because of space limitations it will not be possible to accept entries by the relatives of our staff or personnel.

Fine art work, including sculpture, paintings and sketches; crafts, such as leather work, weaving, basketry, etc., and art photography will be welcome. However, medical art studies (clinical studies and the like) will not be included.

All work must be original. Exact copies of works of art are not considered original.

Art work which has been exhibited in Medical Center's exhibition in previous years may not be shown again.

(Continued on Page 2.)

help the newcomer adjust to the Hospital in general and to his job in particular. Mr. Auty outlined the personnel policies and services of the Hospital. He also answered questions about our retirement program and hospitalization insurance.

Miss Pauline Gregorich of the Personnel Department described the origin and growth of the Medical Center. With the help of visual aids, she pin-pointed the Center's major units and described the organization of the administrative staff.

(Continued on page 2)

¹In 1938 Dr. Robert Gross of Boston tied the open duct between the aorta and the pulmonary artery that sometimes fails to close at birth, first of the modern cardiac operations. Dr. George H. Humphreys, II, introduced the operation in 1939 at Presbyterian.

(Continued on Page 4.)

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REPORTERS

Accounting—Helen Hockenberger. *Building and Grounds*—Margaret Muccilli, Edith Hinkle, Robert Williams. *Babies Hospital*—Loretta Molzahn. *Chaplain*—Robert B. Reeves, Jr. *Elevators*—John J. Callahan. *Eye Institute*—Helen Meade. *Graduate Nursing Staff*—Patricia O'Hara. *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Mrs. D. W. Hood. *Mail & Messenger*—John J. Campbell. *Nurses Aides*—Mary Ryan. *Orderlies*—Fred La Porte. *Physical & Occupational Therapy*—Helen White. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Elka Fink (N.I.), Adelaide Vrooman (B.H.), Clare Yoder (P.H.). *Telephone*—Margaret Buckley. *Vanderbilt Clinic*—Calvin Hatcher.

Photo Credits: Pages 1, 3 and 4 by Werner Wolff, Page 2 by Manny Warman.

Volunteers Honored at Annual Awards Tea

Volunteers who gave The Presbyterian Hospital 83,238 hours of service in 1956 were honored January 24 at the annual awards tea given in Maxwell Hall.

The more than 200 in attendance heard an address, "Cardiac Catheterization," by Dr. Irene Ferrer, Assistant Professor of Clinical Medicine. The group was addressed briefly by Dr. Franklin M. Hanger, Attending Physician, Medicine; Alvin J. Binkert, Vice President and General Manager, and Dr. James E. McCormack, Assistant Vice President, Professional Services to Patients.

Among those cited were 57 vol-

unteers having five or more consecutive years of service. Hospital pins were awarded to 135 volunteers who completed their first 100 hours of service in 1956.

In Memoriam

Charles E. Adams, a member of the Hospital's Board of Trustees until 1949 and thereafter an Honorary Trustee, died on January 27.

"Throughout every year of his trusteeship," reads a memorial resolution adopted by the board, "Mr. Adams maintained great interest in and devotion to the affairs of the Hospital, despite an unusually active business life."

In 1935 he was elected to the Board of Trustees of the Neurological Institute. He was chairman of its Finance Committee and a member of its Executive Committee.

He became a member of the Hospital's Board of Trustees in 1938. He was a member of the Executive Committee, chairman of the Auditing Committee and a member of the Budget Committee. He was also a member of the Joint Administrative

STETHOSCOPIA

Six Presbyterian Hospital nurses helped in caring for some of those injured when a Northeastern airliner crashed February 1 on Rikers Island. Twelve persons suffering from burns and fractures were taken to Bellevue Hospital. By Sunday afternoon, February 3, there was a shortage of nurses and Bellevue called here for help.

Within a short time, Dorothy Doughton, Kathryn Shoppell and Rosina Thomas of our staff were on their way to Bellevue for the 4 p.m. to midnight shift. Three others, Margaret Ingraham, Frances Cruickshank and Florence Smith, reported for the midnight to 8 a.m. shift. "We had a number of others willing to go," a supervisor here said, "but they were not needed."

HONOR STUDENT: Leo Morrison, Jr., son of the head porter in Neurological Institute housekeeping,

has been elected to "Who's Who in American Colleges and Universities" for the second consecutive year. Leo is attending Hampton Institute in Virginia on a scholarship. He's an honor student there just as he was at Atkins High School. An ROTC lieutenant colonel at Hampton, he's been selected to receive an Army commission.

MARRIED: Miss Claire Potter of the Insurance Department to George Smith, February 2, in the Church of the Visitation . . . **CALIFORNIA BOUND:** The food cashiers said goodbye this month to Mrs. Kathleen Kett, youngest of their group. She was a cashier in the main dining room. Mrs. Kett left by plane with her children to join Mr. Kett in California where they will make their home.

Art Exhibition (continued)

Limit on Entry Items

Each individual may enter three items in the exhibition. These need not be in the same category. If there is an unusually large total entry, the committee reserves the right to choose for display the best of an exhibitor's three entries.

Kodachromes

Kodachromes, no matter how many an individual enters, are considered one entry. The total number of kodachromes to be on view will be determined by the capacity of the viewing boxes.

Mounting

Photographs must be mounted on 16 x 20 mat board, with only one print to a mount. The prints must be at least 8 x 10 inches, but larger prints are preferred.

Paintings and sketches must be securely wired, ready for hanging.

Labeling

Entry blank is in two parts. Each part should contain the following information: category in which the item is entered; title of work; name of the artist; artist's Hospital or College title, department, room and telephone extension. One part of the entry blank must be attached to the back of each entry; the other turned over to the Public Interest Department.

Entering your Exhibit

Entries are to be brought to the Public Interest Department, Room 32, 4th floor, PH, between March 4 and 11. No entry will be accepted after 5 p.m., March 11.

(If you have questions about the exhibition or your entries, please contact one of the committee members or call Rose Marie Kirkwood of Public Interest Department, extension 7064 or 7076.)

Members of the committee are: Chaplain Robert B. Reeves, Jr., chairman; Sgt. Edwin H. Behlmer of Protective, Emil G. Bethke of Eye Institute, Marion D. Cleveland and Cecile Covell of Nursing, Dr. Henry S. F. Cooper of Surgery, Robert Demarest of Anatomy, Dr. Donald S. Malton of Plastic Surgery, Dr. Meyer M. Melicow of Urology, and Harriet Phillips of Pathology.

Lectures for Newcomers

(Continued from page 1)

The orientation talks will be given each Friday afternoon in the fourth-floor amphitheater, Babies Hospital. All new employees are required to attend. (If attendance is in addition to duty hours, compensatory time is given.) A tour of the Hospital follows the talk, helps show the newcomer how his department relates to other units of the Hospital.



THOUSAND-HOUR VOLUNTEERS: Mrs. J. Lawrence Pool, right, one of the hostesses at the annual awards tea for volunteers, serves four who each gave the Hospital more than 1,000 hours of service in 1956. The "honor volunteers," left to right, are: Mrs. Deborah Epstein, Morris Feld, Mrs. Dorothy Paschal, and Mrs. Olga Zarganis who topped the list with 2,081 hours. Others who gave 1,000 hours-plus were Miss Maud Musgrave, Mrs. Marion Ware and Mrs. Elizabeth Marton.

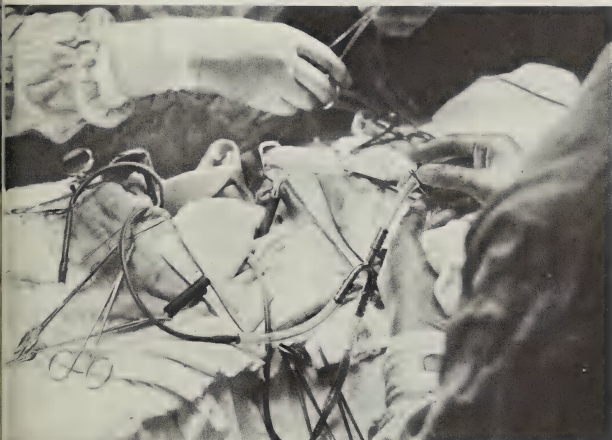
OPEN-HEART SURGERY

Heart can be stopped while blood is pumped outside body to take on oxygen

The hard work shown here is one of over 100 experimental operations at the College of Physicians and Surgeons that made possible the most recent advance in heart surgery introduced at The Presbyterian Hospital.

Blood was gently withdrawn from the body of the animal used and pumped through a plastic tube into which oxygen was bubbled. Then it was filtered and returned to the body through a catheter which was placed in the aorta. While blood by-passed the lungs and heart, the surgeon opened the heart with a long incision. In the dry, motionless heart, a defect can be easily seen and repaired.

Simple apparatus used is adapted from a design by Drs. DeWall and Lillihei at the University of Minnesota. A three-man team—Dr. Ralph A. Deterling, Dr. Shivaji B. Bhonslay, and Dr. F. F. McAllister adapted the system for use in this hospital.



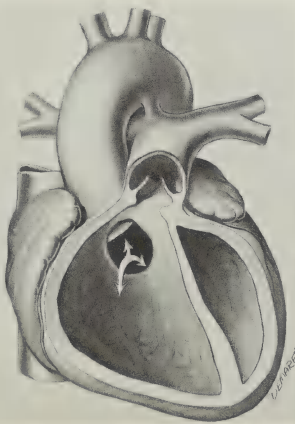
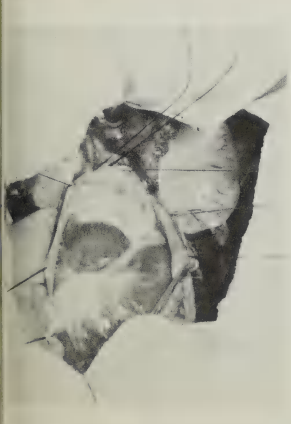
SMALL TUBES OR CATHETERS have been sewn into the great veins just above points at which blood normally returns to the heart after circulating through body. Heart will be by-passed by blood flow during surgery as blood is withdrawn through these catheters. Supplied with oxygen by an "artificial lung", blood will be returned to body through another small tube (farthest left in photo) placed in aorta. Surgeon in foreground is assembling plastic tubing through which blood will be withdrawn by a sealed pump at a gentle pressure lower than that of natural circulation.



SMALL CURVED NEEDLE to which suture is swaged is important in delicate task of sewing catheter into one of the great veins. Needle, too small to be seen in photo, is held by surgeon in tip of scissor-shaped instrument. Recent nursing graduate, Betty Dewey (above), is observing procedure for possible nursing role when technique is used in Hospital.



HEART IS STOPPED as Surgeon Bhonslay injects potassium salt directly into heart vessels. Potassium induces temporary paralysis for surgery on still heart. Blood returning to heart after surgery will wash out chemical and heart will resume its normal beat.

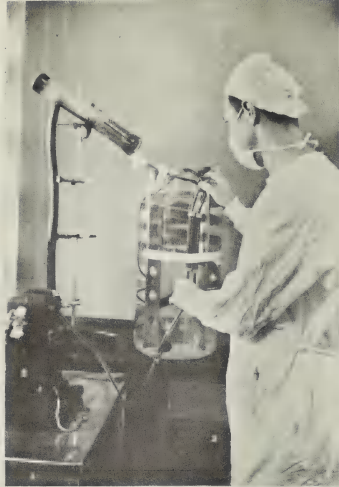


UNOPENED HEART is shown (far left) as it appears just after surgeon has opened chest wall and before attachment of catheters. Illustration (center) shows interior of the heart and one of the major congenital defects: an opening in the central wall (septum) of the heart between the two lower chambers (ventricles). As artist Demarest shows, opening creates cross-flow between venous blood of right heart and oxygenated blood of left heart.

Motionless heart, after opening by surgeon, is shown in the next photo. Pulmonary valve is seen. Before open-heart techniques, not even the eye of a surgeon saw this valve in living heart. Remarkable photos of heart during the operation were made by Dr. Vladimir Epanchin of College staff, Robert Demarest, College staff member widely known for his illustrations of leading medical texts, contributed the informative drawing. Other photos by Werner Wolf.



PUMP SUBSTITUTING for pumping action of heart during open-heart surgery is operated by Dr. Erwin Sigmund (l.). Visiting Fellow, in experimental laboratory. Tubes in right foreground are withdrawing blood from the body. Blood flows through tubes at left into oxygenator, returns to body through long tube (r.). Tubes are silica-coated to help prevent clotting.



BLOOD RISES through vertical plastic tube into which oxygen is bubbled. Carbon dioxide escapes during flow through inclined bubble trap. Slow descent through spiral coil is surrounded by warm water at body temperature. Filters remove any remaining bubbles. Plastic tubing is important; hard glass would damage blood cells.



HEART SURGEON RALPH DETERLING demonstrates new oxygenator that may eventually substitute for spiral type now in use. Channels of blood flow are molded into one-piece plastic device, which is still experimental. Note oxygen bubbles in vertical tube, left. "Now that we can for the first time see what we are doing in a motionless heart, we should be able to make plastic repairs of defective valves that may rival Nature's own arrangements," Dr. Deterling says.

Add Open-Heart Procedure (Continued)

sections by strong new grafts.

They can mend holes in the central wall of the beating heart, left occasionally by some flaw of development before birth. They can even cut through the heart wall and, seeking by touch alone, widen the hidden mouths of the heart valves, narrowed by the scars of rheumatic fever or congenital flaw.

They can (and this is even more difficult than widening a blocked valve) stitch a drawing around the gaping mouth of the mitral valve, in a procedure devised in 1954 by Dr. F. F. McAllister of the Presbyterian staff. Pulling and tying this pursestring suture just enough to draw the lips of the valve together, the surgeons restore the first sound of a healthy heart—the slap shut of the mitral valve.

They have, on a few occasions, sewed in a plastic ball-valve that stands in for a missing aortic valve and ticks into place with each pump of the heart. And since 1946, Dr. George Humphreys, II, Director of the Surgical Service and Valentine Mott's Professor of Surgery of the College of Physicians and Surgeons, has undertaken the massive task of remedying the four congenital heart defects commonly found together and known as the Tetralogy of Fallot.

Pioneered by Dr. Alfred Blalock of Baltimore, the intricate repair of Tetralogy of Fallot is famous as the "blue baby" operation. Dr. Arthur H. Blakemore, a former student of Dr. Blalock, brought the procedure to Presbyterian. Dr. Humphreys, one of the relative handful of men who attempted heart surgery in the 30's, worked with Dr. Blakemore to introduce this operation at Presbyterian within a few months after Blalock's successful demonstration. Presbyterian's Dr. Blakemore, a pion-

eer in the repair of aneurysms, outlined in 1945 a plan for quick freezing and storing of blood vessels taken from cadavers: a vessel bank that could be drawn on to patch arteries too badly damaged for end-to-end stitching. By the Korean War, mobile artery banks had joined mobile blood banks in use.

"The physiologists' findings and the new techniques of X-ray and catheter diagnosis," Dr. Humphreys said last week, "have given us the courage to enter the heart and do what we can to mend it. The anesthesiologists with their exact measurements and new resources make it possible to maintain life through the long periods of anesthesia necessary. But we must still face the fact that some of our patients, for whom death is certain without surgery, are so weakened by their condition that they probably will not survive surgery, no matter how successful the operation. And until now, when we have ventured inside the heart, we have worked by the sense of touch alone."

A few months ago a Presbyterian surgical team led by Dr. Ralph Deterling, Jr. introduced a procedure that made it possible for the surgeons to see the inside of the heart they were trying to mend. The heart, drained of blood and temporarily deprived of motion, was cut open for a direct view of an interior defect.

Called the "open-heart" procedure, the new technique is possible because of equipment which substitutes for the heart and lungs and maintains circulation in body while heart is stopped.

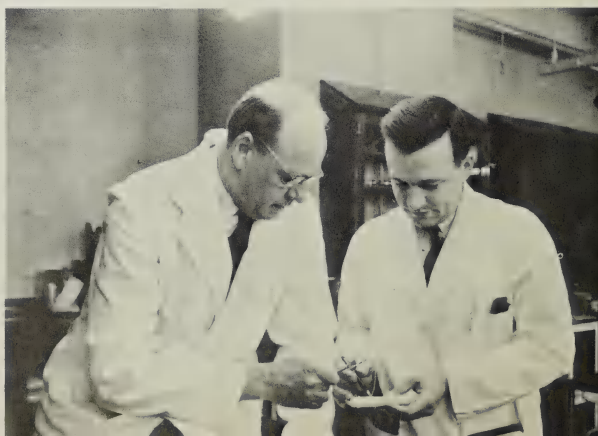
The first use of the technique for a Hospital patient was preceded by over 100 experimental operations on animals. These were all done in the experimental surgical laboratory of Columbia University's College of Physicians and Surgeons, directed by Dr. Deterling. All the other heart and vascular procedures mentioned above were similarly perfected in this laboratory.

Aids in Repair of Heart and Blood Vessels



HEART SURGEON AARON HIMMELSTEIN designed this instrument for widening a narrowed pulmonary valve. Tiny sickle-shaped blade is closed while valvulotome is inserted through small incision in heart wall, opened when tip is in place just above tissue blocking the valve. Pulmonary valve lies at the opening of the channel through which heart pumps blood to the lungs. New instrument helps surgeons make difficult approach.

PIONEER OF ARTERIAL GRAFTING, Dr. Arthur H. Blakemore (l.) proposed a "blood vessel bank" in 1945. By quick freezing and storing of artery sections taken post mortem, surgeons today use natural body tissue for arterial repair. Textile sections are now also widely used to mend diseased and damaged arteries. These textile grafts are the result of an accidental discovery made by Dr. Arthur B. Voorhees, Jr., (r.) when he was working as a Research Fellow here. When Voorhees opened an animal's heart some months after he had placed a silk suture in it, he found the suture completely overgrown with connective tissue. Thus he foresaw that a textile woven from a plastic which was not irritating to the tissues might serve as a scaffolding around which fibroblasts would grow. Sewn in as a replacement for a damaged section cut from a living artery, textile grafts have proved remarkably successful as a strong matrix around which the artery rebuilds itself. Through years of work Voorhees developed elastic textile mesh tubing now in wide use for arterial mending.



² Valentine Mott, one of the famous early professors of the College of Physicians and Surgeons, in 1818 performed the first ligation of the innominate artery. Another, David Hosack, was first in the U. S. to ligate the femoral artery as a repair for aneurysm (1808), also left Columbia the Rockefeller Center site.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XII, NUMBER 3

MARCH-APRIL, 1957

275 at Annual Dinner As 25-Year Club Elects Dr. Watson President

With a record attendance of 275 persons on hand for the annual dinner, Dr. Benjamin P. Watson, consultant in obstetrics and gynecology, was elected president of the 25-Year Club of the Columbia-Presbyterian Medical Center. The dinner—a big success if laughter and good will are any criteria—was held March 28 in Bard Hall.

Dr. Watson succeeds Dr. George F. Cahill, who concluded his presidency by performing ably as master of ceremonies. The speakers were Dean Willard C. Rappleye of the Faculty of Medicine, and two new members: Peter Grimm and William Sheffield Cowles, both trustees of the Hospital.

Pins and certificates for the 103 new members were presented by Miss Dorothy Kurtz, medical record librarian. (In all, 508 persons now qualify for club membership.)

Other officers named for 1957-'58 were: vice presidents, Mrs. Royall G. Cannaday of the Neurological Institute Auxiliary, and Dr. Beatrice C. Seegal, Microbiology; secretary, Miss Cecile Covell, Nursing; assistant secretary, Miss Anna O. Shackelford, Administration; and treasurer, John J. Nelan, Laundry, (who at 42 is believed to be the club's youngest member.)

See the May issue for photos taken at the dinner.



SPEAKERS' TABLE and partial view of 25-Year Club members at annual dinner.



BACK TO SCHOOL: Here are the graduate nurses who are taking part in the Hospital's fifth refresher course which started February 26. The instructor is Miss Lillian A. Oring, R.N., Administrative Assistant, Nursing Service. Purpose of the tuition-free course is to help meet the need for registered nurses. Classes are designed primarily for those who interrupted their careers to raise families or to enter another field and who are now able to resume nursing.

Facts about High Blood Pressure Based on 34 Years of Clinic Study

When Mrs. Rose Bernstein first came to the Vanderbilt Clinic just 30 years ago, her high blood pressure signaled trouble. She was, she said, too short of breath to do her housework and often woke at night to feel her heart thudding in a frightening way.

Vanderbilt Clinic and its kindly doctors became a part of Mrs. Bernstein's life. They put her on a low-calorie diet, with a reduced amount of salt. They slowed her heart beat and eased her breathing by digitalis, used phenobarbital to control her occasional chest ache. But, though they tracked Mrs. Bernstein's symptoms through the years by X-ray, by blood and urine tests, by electrocardiogram and every other means at their disposal, the doctors never found out why her high blood pressure stayed high.

"The blood pressure is very high, but there is reason for hope," wrote Dr. Dana W. Atchley. Dr. Atchley had just founded the Hypertension Clinic at the old Presbyterian Hospital in 1923 to study the life history of this disease.

When Mrs. Bernstein's husband lost his job in the depression, poverty worsened her headaches and heartaches. At times, her whole outlook seemed so cheerless that she thought of suicide. But her Clinic doctor administered large doses of reassurance along with other medicine.

(Continued on page four.)

MR. COOPER'S REPORT: You of the Medical Center Family (with the help of Generous Contributors) helped to make possible 462,000 Days of Patient Care and 406,000 Clinic Visits in 1956.

The cost of care given to ward and clinic patients by The Presbyterian Hospital at the Columbia-Presbyterian Medical Center exceeded payments received from patients by \$3,600,000 in 1956. After crediting endowment fund income and generous contributions from our many friends, the final deficit for the year was \$55,786. These overall results were announced by Charles P. Cooper, president of the Hospital, as he released the Hospital's 88th annual report.

A total of 462,000 days of patient care was provided during the year to 37,800 in-patients, and 62,500 ambulatory patients made a total of 406,700 visits to Vanderbilt Clinic.

Operating expenses at Presbyterian continued their upward trend, reaching \$19,088,000, a 9 per cent increase over 1955.

"Presbyterian Hospital," Mr. Cooper said, "has a continuing need for the support of its generous friends to fill the gap between the cost of care and what the patients can pay."

Mr. Cooper also emphasized the Hospital's role in the rising national standard of hospital care.

"Philanthropy directed here," he said, "not only contributes to the well-being of the patients who are treated in the Medical Center annually, but ultimately helps many others because of the vigorous programs for training interns, residents and others in the health professions, who subsequently engage in teaching, research, and practice in various parts of the country."

"A great amount of capital has been invested in voluntary hospitals but, of course, there is no return on this investment to provide for expansion of activities. The rewards of those whose energy or philanthropy is vested in voluntary hospitals is measured by no financial yardstick. Rather they represent the return of health or life itself to individual patients; they share in the contributions made by the professional staff to the rising standards of healing and of hospital care."

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In Memoriam

John J. Maloney, special officer of the Protective Department, died on February 9. He had been on a leave of absence since last June because of illness.

Mr. Maloney was an Army veteran of World War II. He had been employed here for ten years and during most of his duty hours was on post at Babies Hospital.

* * *

Dr. C. Gregory Barer, who was associated with the Medical Center for 15 years, died February 8 at the age of 52. He was an assistant ophthalmologist at the Institute of Ophthalmology and an instructor in ophthalmology at the College.

Dr. Barer received his medical degree from the University of Iowa. He completed a residency in neurology at University Hospitals, Iowa City, in 1931. From 1938 to 1941 he was a resident in ophthalmology here.

He served five years in the Navy during World War II, achieving the rank of commander.

Mrs. Hansen Retires

Mrs. Edith Hansen retired last month after serving more than 28 years as supervisor of the Hospital's Physical Therapy Department. She has been succeeded by Miss Mary Cover who for more than 20 years was assistant supervisor.

Before coming to New York, Mrs. Hansen had trained and worked at Children's Hospital in Boston. She became head therapist here in 1928 when Dr. Norman Titus was in charge of Physical Therapy. She continued in that capacity when Dr. William B. Snow assumed responsibility for the department in 1936.

"Mrs. Hansen served as an inspiring example to those who worked under her," one associate says. "Having been a nurse, she brought to her work a high professional regard for the best interest of the patient."

Mrs. Hansen and her husband have retired to St. Petersburg, Fla.

Gun Club Elects

Dr. Frederick S. Craig has been re-elected president of the Medical Center Gun Club. Other officers are Bertrand P. Wray, vice president; Raymond E. Warden, secretary-treasurer, and Chaplain Robert B. Reeves, Jr., range master. Dr. Carl Weiss has been admitted as a new member.

Two Young Escapees From Hungary Here

Two young Hungarians who escaped from their native country following last October's revolution joined the Medical Center family last month.

Peter Paluszay was working as a mechanic in a coal mine in southern Hungary when the riots started. Now he's doing electrical work in our Maintenance and Construction Department.

The second escapee is a young lady whose name is withheld because her parents are still in Hungary. She is now working in the Laundry Department and hopes to learn English well enough to study nursing some day.

Young Paluszay came within a few days of being conscripted into the Hungarian border guard. He escaped to Austria on November 12, his 20th birthday.

This is how he tells the story:

"I had been sent to Kamlo, a coal mining village in the southern part of Hungary. The revolution that started in Budapest reached Kamlo in the evening of the 26th of October.

"Twenty or 30 of us, boys and

Dr. Webster Hears From 2 Ex-Residents

Dr. Jerome P. Webster, who in the course of his career here guided 38 young doctors through the residency in plastic surgery, received good news recently from two of his former residents. Both reported important advances in their special field.

From the University of Virginia Medical Center came word of the establishment of its Plastic Surgery Division. Dr. Claude C. Coleman, Jr., who trained under Dr. Webster in 1952 and 1953, is in charge of the new program.

From St. Louis University in St. Louis, Mo., Dr. Francis X. Paletta, who trained under Dr. Webster in 1947 and 1948, reports that the Plastic Surgical Service which he heads is now accredited by the American Board of Plastic Surgery. "With additional help and full-time residents in plastic surgery," Dr. Paletta wrote, "perhaps we can do more in our field of research than we have done in the past."

President of ABMAC

Dr. Webster has been elected president of the American Bureau for Medical Aid to China. He succeeds Dr. Magnus I. Gregerson, Dalton Professor of Physiology at the College. Dr. Webster, an ABMAC director since 1944, went to Shanghai in 1948 to give a special course in plastic surgery to Chinese surgeons.

Dr. Webster, chief of plastic surgery in Vanderbilt Clinic from 1928 to 1954, is consultant in plastic surgery in the Hospital and emeritus professor of surgery in the College.



Escapee Peter Paluszay

girls, began to parade that night. In ten minutes we were three or four hundred. We were carrying flags—flags with the Russian star cut out. And we were shouting, 'Viva Budapest!'. And 'Russkik, haza!' That means 'Russians, go home!'

"One of the secret police threw a tear-gas bomb into the crowd. A boy picked up the bomb—it burned his hand badly—and threw it back. They told us to go home. Nobody moved.

"The secret police started shooting. But not at us. Instead they fired beyond us into a bus station where miners were waiting to go on the night shift. They killed one man and wounded four. We had no weapons. We scattered but we did not go home. We demonstrated. We were here when they were there . . ."

Before leaving the mining town, Peter took part in further demonstrations. During one of them he saw 15 boys and girls killed by machine guns and machine pistols of the secret police.

"Later," he says, "we received weapons and — Well, it is best to say that some of the murders were avenged."

Peter left the mining village and traveled—by train, by truck and on foot—about 400 miles to the farm near the Czech border where his parents were staying. From there, Peter walked 70 miles to the Austrian border, and his parents followed a short time later. Peter crossed the bridge at Andau one day before the Russians blew it up.

He met his parents in Vienna on December 3 and was eventually reunited with them in this country on January 30.

He's happy to be working in one of the world's great medical centers. And so is the girl whose name is withheld. Both add that life here will be far less complicated when they learn the intricacies of the English language and when they master the New York subway system.



VOLUNTEER AIDES CAPPED: Here, with Red Cross officials, are ten of the 14 business and professional girls who were capped last month as Red Cross nurse's aides. The girls completed 80 hours of evening classroom instruction and supervised practice here at the Hospital. Now assigned to various wards, they are of great service to the nursing staff during evening hours and over weekends. The aides, left to right, are: June Carol Everett, Mrs. Helga Newmark, Mary McCarthy, Catherine O'Mahoney, Dolores Spalinski, Rose Marie Kirkwood, Helen Lyall, Josephine Quinn, Madeline Farley and Janet Spiro. The Red Cross representatives in foreground are Mrs. Harold M. Cole, left, and Mrs. Judson B. Shafer. Absent at time of photo were four others who qualified as aides: Mrs. Helga Huit, Jean Holters, Mary Reuling and Mrs. Marguerite Marie Pierce. Another course for aides was started here last month by the Red Cross.

STETHOSCOPIA

• **INTRODUCING:** *Mrs. Dorothy W. Hood*, who is now in charge of the Milbank Library. She is a native of West Greene, Ala., and a graduate of Peabody College in Nashville, Tenn., (B.A. in English and B.S. in Library Science).

Mrs. Hood came here from the New York Public Library, Sedgwick Branch. Before coming to New York, she spent three years in Germany as librarian at Army recreational centers. And before that she was librarian at Veterans Administration hospitals in Baltimore and Atlanta.



Mrs. Dorothy W. Hood

The new librarian, by the way, reports that a recent check of inventory shows more than 3,000 books to be missing. Do YOU have some of the missing titles? If so, please drop them into one of the book boxes or bring them to the library. No penalties. No questions asked.

• **RETIREMENT:** A deep bow is due Mrs. Hood's predecessor, *Mrs. Florence Erbe*. Although she had had no previous experience in such work, Mrs. Erbe succeeded in keeping Milbank Library running smoothly from September until her recent retirement.

Mrs. Erbe came to Presbyterian Hospital in September, 1945, and for six years was director of the Volunteer Department. She was a secretary in the Harkness Pavilion laboratory for five years before coming to the library.

Formerly a New Jersey resident, Mrs. Erbe has returned to her old home town, Southington, Conn.

• **CONVALESCENT HOME NOTES:** *Miss Cecile Roux* and *Miss Blandine Gagnon*, graduate nurses from Quebec City, have recently been added to the staff of Mary Harkness . . . Among the guests now at the Home are: *Miss Marie Laib* of Medical Information, *Mrs. Hilda McCormack* of Harkness Pavilion Alumnae Shop, *George Lynch* of Protective and *Anthony Montagnimo*, barber at Neurological.

• **CONVALESCENT:** *Miss Elsie Fisher*, secretary to C. Douglas Auty, Administrative Assistant for Personnel, is convalescing at home following a four-week stay in this hospital . . . **BORN:** To *Frank Quigley*, supervisor in Housekeeping Department, and Mrs. Quigley, a daughter, *Frances Michele*, February 15. Weight: eight pounds, nine ounces.

• **WEDDING BELLS:** *Miss Paula de Vautibault*, director of recreational therapy in Babies Hospital, returns to her native France this month aboard the *Queen Elizabeth*. In Le Mans on May 18 she will be married to Dr. Louis R. M. Del Guercio. In June the newlyweds will be back in New York, Paula to resume her work here, and Dr. Del Guercio to become chief surgical resident in St. Vincent's Hospital.

• **WELCOME BACK:** In Miss de Vautibault's absence, *Mrs. Louise Barnett* will return to the Hospital to assist in recreational therapy. Mrs. Barnett was formerly assistant to Miss Vossler, director of the Volunteer Department.

• **YOU'RE INVITED** to save yourself some time by dining in the Personnel Cafeteria, PH basement. "Why wait in a long line at the Main Cafeteria," asks a Food Service spokesman, "when there's usually plenty of room just one flight down? The service, the menu, the china, the silver in the basement cafeteria—all of it is identical with what you'll find in the first-floor cafeterias. How about giving it a try?"

• **DEPARTURE:** *Miss Kathlyn Egan*, a graduate of our School of Nursing and senior supervisor of the Medical-Surgical Nursing Unit here, leaves this month to work for the Linde Oxygen Company.

• **AUXILIARY NOTES:** *Mrs. Jerome P. Webster* has been elected chairman of the Women's Auxiliary of the Presbyterian Hospital, succeeding *Mrs. George A. Perera*. *Mrs. Dana T. Bartholomew* is vice chairman and *Mrs. Maynard C. Wheeler* secretary.

ART EXHIBITION: "Interesting" . . . "Wonderful" . . . "Excellent" . . . "Well Displayed"

"A pleasant experience, and an especially calm ending of a busy day."

That is how one visitor described the Medical Center's seventh annual Arts, Photography and Crafts Exhibition held March 19 through 29.

The visitor was one of more than 2,000 persons who went to the 20th-floor lounge to see the exhibition, and one of about 50 who wrote their comments on the show.

There were more than 200 works of art on view—the contributions of about 100 artists. It was a widely varied collection and it evoked such written comments as: "Each exhibit is a source of pleasant amazement to me."

"Until seeing your displays I was unaware the Medical Center housed so much talent."

"Very nice. I look forward to seeing it each year. I look especially to see if my doctors, nurses, aides, volunteers, etc. had an exhibit."

"Fine show! Beautifully displayed!"

There were several comments more terse: "Excellent!" "Good!" "Wonderful!" "Very lovely." "Stu-



GOOD NEIGHBORS: Representatives of the Washington Heights Chamber of Commerce on a tour of the Hospital with Dr. Joseph E. Snyder, Assistant Vice President, Vanderbilt Clinic and Other Services. At a Chamber meeting Dr. Snyder had outlined the manifold operation of Vanderbilt Clinic. Left to right: Dr. Snyder; Jack Ganley, manager, N. Y. Telephone Co.; Henry A. Gray, manager, Chase Manhattan Bank; Rev. Daniel A. Poling, Fort Washington Collegiate Church; Thomas L. O'Hara, manager, Metropolitan Life Insurance Co.; Louis Stern, vice president of the Chamber; Miss Margaret Reid, supervisor in Emergency; Leo Friedman, secretary, Washington Heights Federal Building and Loan Association.

pendous!" "Very, very interesting."

Verbal comment followed the same lines. The consensus appeared to be that it was the best show ever, that the location, though less accessible than the usual first-floor exhibition sites, afforded a more attractive display of the work and a better viewing area for visitors.

The verdict, of course, was not unanimous. "This show should be

put on the first floor," one visitor wrote. "Use the private dining room if necessary or open the west end of the cafeteria and open the private dining room for the overflow from the cafeteria."

Another wrote: "I think it is lovely but it would be nicer to have it downstairs as usual. It is too far away up here on 20." And another: "Excellent show; but not

(Continued on page four.)



ART EXHIBITION

(Continued from page three.)

accessible to many people. Out of the way."

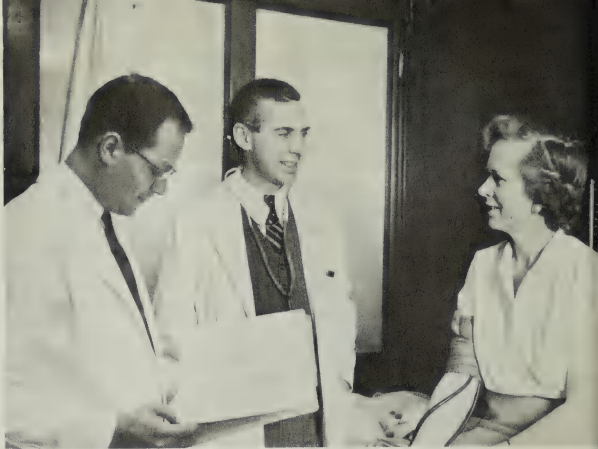
These three, however, were the only written complaints about the show's location.

Art Association Forming

During the exhibition, 62 persons signed up as being interested in joining a Medical Center Art Association. Any other would-be members are asked to drop a note to Chaplain Robert B. Reeves, Jr., chairman of the art committee, or to the Public Interest Department (PH-4-32).

All applicants will be notified well in advance of the association's first meeting. Chaplain Reeves and Dr. Henry S. F. Cooper are temporary chairmen of the art group.

This year's exhibition attracted 150 to 300 visitors a day, bringing the total past the 2,000 mark. No comparable figures are available for previous shows. One volunteer hostess, who worked at both this year's and last year's shows, said the 1957 show attracted far more visitors.



HYPERTENSION CLINIC PATIENT, with Dr. George Perera (l.), whose studies of the natural history of the disease are internationally known. Dr. Milford Fulop, former resident here, is observing the work of the clinic.

Facts about High Blood Pressure from Clinic Study

(Continued from page one.)

As year followed year, improvements in X-ray and electrocardiographic technique paced Mrs. Bernstein's visits to the clinic. Her left heart could now clearly be seen to be enlarged by its task of pumping blood at high pressure into the arteries of her body. But, despite new methods of injecting radiopaque material for a clear X-ray picture, the urologists could find no evidence of an occasional cause of hypertension: kidney disease.

On the whole, Mrs. Bernstein began to feel better. New medicines came along that helped. One reduced her blood pressure somewhat and also made her feel less nervous and tense. Another relieved the severe dizzy spells she began to have in 1955.

Natural History of the Disease

Mrs. Bernstein is one of the faces behind a statistic of 3,000 cases which Dr. George A. Perera sometimes mentions at meetings attended by the world's leading authorities on hypertension. Indeed, Mrs. Bernstein, and her survival over three decades, are part of the intricate matrix of fact from which Perera built his continuing study of the natural history of this disease.

Hypertension ranks with arteriosclerosis as a reason why people die of heart and vascular disease. Doctors cannot remove the cause, because the cause is unknown. But they do have means to reduce the blood pressure and to forestall or delay the kind of damage to the heart and the arteries that terminates life.

Some of these means are effective today because of the facts learned about hypertension, and its course in thousands of patients, since the Nephritis-Hypertension Clinic opened its door here in 1923. This is one of the oldest clinics in continuous operation for such a period of time and perhaps the oldest clinic in this special field. Few comparable bodies of clinical knowledge-in-depth exist.

"There is a tendency in medicine," Dr. Perera says, "to know all about what happens to the patient at one point in time. Much more can be learned by examining the total story of a patient and his illness from the beginning until its end, through recovery or ultimate death."

Among the facts that have emerged

from study of the many hundreds of patients seen in this clinic by a distinguished line-up of medical men, including Dr. Atchley, Dr. Robert F. Loeb, Dr. Stanley E. Bradley and Dr. Perera, are the following:

- * High blood pressure is not necessarily hypertension. Perhaps no other part of the machinery of the body is so easily influenced as the blood pressure. "Even the mood and countenance of the examiner," Perera says, "can send the blood pressure shooting up." Two out of every three patients seen in the clinic with an initial "casual" reading of high blood pressure were found to be free of what physicians call "primary" or "essential" hypertension.

- * Sustained hypertension cannot always be traced to a failure of some other part of the body—the central nervous system, the adrenal glands, or the kidneys. Nine-tenths of the patients seen in the clinic since this distinction was clearly drawn (and, in part, drawn from clinic experience) have been like Mrs. Bernstein—cases of "essential hypertension." Here medicine as yet has not found why the arteries lose their remarkable ability to shrink and expand as needed, and remain in the contracted state which raises blood pressure. Many investigators believe that some metabolite in the blood stream, as yet unknown, acts directly on these small tubes.

- * Hypertension is a disease emerging in young adults. Like Mrs. Bernstein, most hypertensive patients develop their condition in their 30's; the onset is almost always before the age of 50.

- * Chronic hypertension is more common in women; pregnancy may sometimes affect its course, but is not the cause.

- * Again like Mrs. Bernstein, "patients need to learn to live with hypertension and be less afraid that they will die of it," as Dr. Perera puts it. Nor does the height of the blood pressure have much to do with predicting the life expectancy of the patient.

- * There is some tendency for hypertension to run in families but little or no evidence that it is produced by psychological factors or stress alone.



Dr. Webster admires sculpture



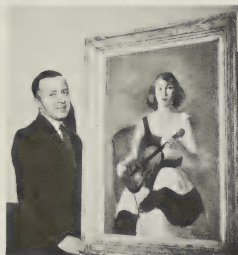
Crafts display gets once-over



Concentration on handicrafts



"I think they're just beautiful"



Artist Homek & spouse



Mary Lou Fulton and entries



Heads including Miss Kirkwood's



Dr. Malton and Sheila



Miss Bennett models craft entries

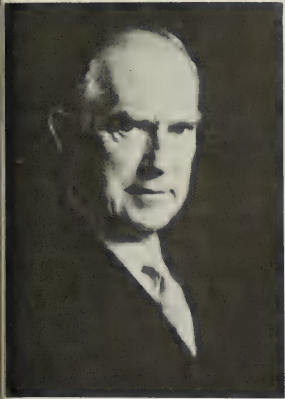


The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XII, NUMBER 4

MAY, 1957



Charles P. Cooper



Frederick A. O. Schwarz

Mr. Cooper Elected President Emeritus Mr. Schwarz President of our Board

Frederick A. O. Schwarz, a Hospital trustee since 1944, was elected acting president of the board of trustees at the board's annual meeting in late April.

Charles P. Cooper, for fourteen years president of the Hospital's board of trustees, was elected president emeritus. This assures Mr. Cooper's continued counsel in the affairs of the Hospital, which, under his leadership, became the largest voluntary hospital in the United States.

Mr. Schwarz, a native New Yorker, born in 1902, was graduated from Harvard College and from Harvard Law School. He was admitted to the New York Bar in 1929 and has been associated with Davis Polk Wardwell Sunderland & Kiendl since 1927, becoming a partner in 1935. He served as general counsel to the U. S. High Commissioner for Western Germany from 1953 to 1954.

He is a director of General Mills, Inc., Federal Insurance Company, Vigilant Insurance Company; chairman of the board of directors of F. A. O. Schwarz; a trustee of Union Theological Seminary, Y. W. C. A. of New York, Provident Loan Society, the Community Service Society and the Chapin School; and on the Board of Overseers of Harvard College. He married the former Mary D. DuBois in 1934 and has five children.

At the same meeting, the board of trustees contributed funds to establish the Charles P. Cooper Endowed Bed, in recognition of Mr. Cooper's many services to this Hospital. Mr. Schwarz presented Mr. Cooper with a silver tray, inscribed with the names of members of the board of trustees.

Other Officers Elected

Re-elected vice-presidents of the Hospital are: Henry C. Alexander, Edward C. Bench, Cleo Frank Craig, William E. S. Griswold, Sr., and John Sloane. Edward C. Bench was re-elected treasurer and Thatcher M. Brown, Jr. was elected secretary. Joseph A. Thomas was re-elected assistant treasurer and John A. Gifford was elected assistant secretary.

Roger M. Blough, chairman of the Board of the U. S. Steel Corporation was elected to the executive committee of the Hospital's board of trustees. Thatcher M. Brown, Jr., partner in G. H. Walker Company, becomes an ex-officio member of the committee.

Eleven trustees were re-elected to new four-year terms. They are: Cleo Frank Craig, chairman of the board of directors of the American Telephone and Telegraph Com-

Continued on page two

14 Years of Progress Mark President Cooper's Administration

The substantial medical advances made at The Presbyterian Hospital over the last decade can in large part be attributed to the energy and leadership of a man who decided not to retire when he neared the customary age for leaving active business life. Charles Proctor Cooper, executive vice president of the American Telephone and Telegraph Company, simply added to his schedule one more job—that of President of the Board of Trustees of The Presbyterian Hospital.

Last month, Mr. Cooper relinquished active duty to become President Emeritus. During fourteen years as President, he had forged the

alliance of specialized hospitals that today makes The Presbyterian Hospital the largest voluntary hospital in the United States.

When Mr. Cooper was elected the ninth President of the Hospital in 1943, he became so engrossed in the challenge of assuring a continuing medical advance and of administering the extraordinarily complex services of the modern hospital that he left A. T. and T. before retirement age to give most of his time to what he had come to regard as a thoroughly interesting and challenging job.

Within a few months after taking office,

Continued on page six

87 Babies Alumni Meet

Babies Hospital last month welcomed 87 alumni to its annual spring alumni meeting. The doctors lunched at Bard Hall, assembled afterward in Babies Hospital amphitheater to hear papers by Drs. Ferdinand McAllister, Katherine Sprunt, Richard Day, Saul Blatman, John Caffey, William Silverman, Melvin Grumbach. Abstracts will be sent to all members of the Alumni Association.

PORTRAIT UNVEILED: Dr. John H. Dunnington and Mrs. Dunnington view a portrait of Dr. Dunnington presented to the Hospital by the alumni of the Institute of Ophthalmology at their nineteenth annual spring meeting. The portrait was painted by Elmer W. Greene and presented by Dr. John C. Cunningham of the University of Vermont, president of the Alumni Association. The alumni heard 15 papers presenting advances in treatment and research.



Manny Warman

Mr. Cooper Emeritus, Mr. Schwarz President

Continued from page one

pany; Mrs. Frederic F. deRham; William E. S. Griswold, Sr., formerly chairman of the executive committee of W. & J. Sloane; W. Alton Jones, chairman of the board of directors and member of the executive committee of the Cities Service Company; James C. Mackenzie, architect; Samuel W. Meek, vice president of the board of directors of J. Walter Thompson Company; Dunlevy Milbank;

Dorrance Sexton, director of Johnson & Higgins; Mrs. Henry C. Taylor; Joseph A. Thomas, partner, Lehman Brothers; and Sidney J. Weinberg, partner, Goldman Sachs & Company.

Re-elected as honorary trustees are: William Adams Delano, Charles Barney Harding, Charles S. Payson, Bayard W. Read, George Lauder Greenway, John W. Hornor, Dean Sage, Frederick Sturges, Jr. and W. E. S. Griswold, Jr.

Photos by Manny Warman



NEUROLOGICAL INSTITUTE AUXILIARY is one of fifteen charitable agencies sharing in the returns of Everybody's Thrift Shop, which has just moved to 1139 Second Avenue, between 59th and 60th Streets. Checking the window display of the shop's spacious new home, at the opening last month are: Mrs. Everett Hoskins right, in smock and Mrs. Royall Cannaday left of Mrs. Hoskins. Proceeds from the wide variety of merchandise donated to the shop help support Social Service's program for summer camp experience and other special care for children with neurological disorders.



MEDICAL CENTER SINGERS will give Gilbert & Sullivan's *Iolanthe* on May 24 and 25 at the Fort Washington Presbyterian Church. Susan Smith left, will sing the mezzo-soprano title role. A Vanderbilt Clinic secretary, Miss Smith is a serious student of music, with an eye on the Metropolitan. Doctor James Hastings center, member of the Surgical House Staff, will appear as Lord Tolloller. Janet Baird right, student nurse, will be Leila. The singers are sponsored by the St. Luke's Society of the Fort Washington Presbyterian Church, a group organized "to meet the spiritual, intellectual and social needs of Medical Center personnel." Dr. Ben Wright, assistant resident in Medicine, is president of the Society and producer of *Iolanthe*. Tickets, \$1, may be obtained from members of the cast or from the Department of Public Interest.

The Stethoscope

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REPORTERS

Accounting—Helen Hockenberger. Building and Grounds—Margaret Muccilli, Edith Hinkle, Robert Williams. Babies Hospital—Loretta Molzahn. Chaplain—Robert B. Reeves, Jr. Elevators—John J. Callahan. Eye Institute—Helen Meade. Graduate Nursing Staff—Patricia O'Hara. Housekeeping—Rosina Wallace. Laundry—Mary Minsky. Library—Mrs. D. W. Hood. Mail & Messenger—John J. Campbell. Nurses Aides—Mary Ryan. Orderlies—Fred La Porte. Physical & Occupational Therapy—Helen White. Protective—Edwin H. Behlmer. Purchasing—Gerard Walker. Record—Marion R. Trilling. Social Service—Elka Fink (N.I.), Adelaide Vrooman (B.H.), Clare Yoder (P.H.). Telephone—Margaret Buckley. Vanderbilt Clinic—Calvin Hatcher.

STETHOSCOPIA

• ENGAGEMENTS: Dr. Maurice H. Miller, Supervisor of the Speech and Hearing Clinic, is engaged to Miss Anita Ruth Sachs, a graduate of Brooklyn College. The wedding will be in August.

Miss Lynne G. Dickinson, occupational therapist in PH, is engaged to John Phillips Talbot, a graduate of the University of New Hampshire, and plans a summer wedding.

• WEDDINGS: Margaret Duane, Statistical Unit, Comptroller's Department, became Mrs. Charles Cavanagh on February 23 at the Church of the Incarnation.

Miss Carol Eggleton, head nurse, PH, will marry Dr. Winthrop Fish, assistant resident in Medicine, on June 29 at Corning, New York.

Miss Anne Marie Finerman, staff nurse, Emergency Ward, VC, will be married to Edward Patrick Coffey on April 27 at the Church of the Good Shepherd.

Miss Esther Glad, Department of Nursing Faculty, will be married to Norman Charles on July 6 at the Bethlehem Lutheran Church in Brooklyn. Mr. Charles, who has just completed his Ph.D. at the University of Pennsylvania, will be a member of the English Department of Gettysburg College.

• RETIRED: In December 1934, Presbyterian Hospital welcomed Mrs. Ethel McInerney to the Housekeeping Department. After 24 years of faithful service, Mrs. McInerney regrets leaving the Medical Center. She says: "Everyone has been so kind and cooperative, from the top down, that I thank them from the bottom of my heart for making my 24 years here a memorable pleasure." Mrs. McInerney is at present supervisory housekeeper in the Eye Institute and will leave us on June 1. Our best wishes go with her for many years of happiness and good health.

Dr. Bertram J. Sanger retires as Chief of the Diabetic Clinic on June 30, 1957. Beginning July 1, Dr. Kermit L. Pines will succeed him in this position.

• TRAVEL: On Wednesday, April 3, the Queen Mary sailed—Europe bound. Among its many passengers were Barbara Hughes, R.N., O.R., Jane Christensen, R.N., PH, Kathleen Tegat, R.N., O.R., Faith Whiting, R.N., B.H., and Jane Murray, R.N., Harkness Pavilion. The nurses plan a two-months' tour.

Nursing delegates are headed for

Rome to attend the International Council of Nurses Congress in May. It is held every four years and nursing organizations from all over the world are represented at this meeting. From the Medical Center, Cora Shaw, R.N., Eye Institute, Doris S. Ballard, R.N., D.P.P.O., Dorothy Reilly, R.N., Instructor, Beth L. Cameron, R.N., Instructor, Elina Saamanen, R.N., Babies Hospital, and Barbara Farrell, student nurse, will attend. Miss Farrell was selected by the nursing students to represent them at Rome and her expenses will be paid from part of the proceeds of the bazaar held in April in Maxwell Hall and sponsored by the Class of 1958. The delegates will go sight-seeing in many of Europe's capitals, then rush back to the States to continue their much needed care here at Medical Center.

Back from two weeks in Puerto Rico and St. Thomas, Virgin Islands, are: Marianne Taft, Head Nurse, Mary Eldredge, R.N., Beverly Roberts, R.N., and Lila White, R.N., all of the Medical Service.

• KUDOS: On April 12 a Doctorate of Nuclear Physics was awarded to Peter Mark, husband of Delia Henderson Mark, Head Nurse in P.H. Dr. Mark was the only one at New York University to pass the required tests.

Several Medical Center workers participated in a community polio inoculation program held at the American Legion Hall in Inwood. The volunteers were: Julia Connolly, NI, Mary Hanford; Bea Regan, Harkness Pavilion, and Avis Shelly, Ann Komar and Ann Lazina, former employees of Harkness X-ray. Dr. Norton of the New York City Board of Health praised the girls' efficiency in helping to inoculate 686 members of their community.

The Record Department boasts a proud parent: Mrs. Mae Harte, whose daughter Joan won the Catholic Youth Organization's 1957 archdiocesan oratorical contest, speaking on "Catholic Youth and the 1956 Annual Report of the American Bishops." Joan's prize: a four year college scholarship to Notre Dame College, Staten Island, and a gold loving cup. Mrs. Harte is a transcriber in the Record Department.

• NOTES FROM ALL OVER: Cornelius Eisner who retired from the Elevator Department in 1954 sent a note from St. Petersburg, Florida. "I enjoy reading THE STETHOSCOPE," he said.

MILESTONES IN 14 YEARS OF HOSPITAL SERVICE

During President Charles P. Cooper's administration, The Presbyterian Hospital steadily modernized and unified its resources. Some of these advances are recorded in the pictures on this and the following page.

Harkness Hall rose from a cornerstone laid by Mrs. Edward S. Harkness and President Cooper in 1947, left. An apartment residence for staff nurses in the Medical Center site (and literally on the Hudson River bank), Harkness Hall is one of many gifts to the Hospital from the Harkness family. The late Edward S. Harkness, a Standard Oil executive who was the greatest of Columbia-Presbyterian's many benefactors, was instrumental in the alliance of the Hospital with Columbia University and in founding the first great medical center in the U. S. devoted to patient care, teaching and research. Mr. Harkness gave the Medical Center site and many millions of dollars, which helped to build and equip many of the 16 buildings now grouped at the Center.



Acme

PRESIDENT DWIGHT D. EISENHOWER, then President of Columbia University, and PH President Cooper congratulate nine WAC and WAVE veterans, all members of the 1949 graduating class of our School of Nursing.



Acme



STEELWORK was up in 1949 for two of the five floors added to Vanderbilt Clinic building, increasing resources for care of out-patients and for laboratory research. Building program also added six new operating rooms and air conditioning in all OR's.



U. S. Army

The New York Times



HIGHEST CIVILIAN CITATION was awarded Mr. Cooper in 1951 by Deputy Secretary of Defense Robert A. Lovett. From left, Mrs. Charles Cooper, Secretary of Defense George C. Marshall, Mr. Cooper, Mr. Lovett. Above from left, Mr. Cooper, Columbia's Treasurer Joseph Campbell, and Bruce Barton, PH Trustee and President, Institute for Crippled and Disabled, in 1952 established joint program for rehabilitative care.



NEW YORK ORTHOPAEDIC moved to Medical Center in 1951: Dr. Alan DeForest Smith left, Director of Orthopaedic, with Mr. Cooper. 1955 Nursing Commencement: Mr. Cooper with Alvin J. Binkert, PH vice president and general manager, and Mrs. Oveta Hobby, then Secretary of Welfare.



25th ANNIVERSARY OF the founding of the Medical Center was celebrated in 1953. President of Columbia University, Dr. Grayson Kirk, with Mr. Cooper.

PAULINE A. HARTFORD MEMORIAL Chapel, gift of the John A. Hartford Foundation, was dedicated in 1952. Mr. Cooper and Ralph W. Burger, Foundation president, in foreground.

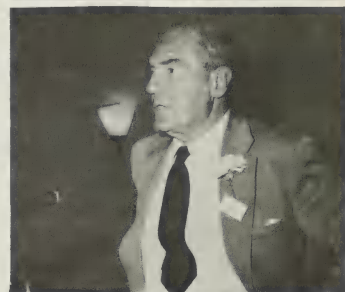


IN 1955 Mr. Cooper joined the Medical Center's 25-Year Club (see page 5). Dr. Franklin M. Hanger presents membership.

25-YEAR CLUB'S ANNUAL MEETING

Everybody (with a quarter-century or more of service) was there when members of the Medical Center's 25-Year Club streamed into the festively decorated dining room of Bard Hall for the Club's annual meeting in April.

The 275 Club members said it was the best meeting yet. Organized by the Hospital in 1946, the 25-Year Club welcomed this year for the first time members from the College of Physicians and Surgeons.



Dorothy Kurtz presents membership certificate to new member August Leona above. The Bards sang . . . below left to right, Ernest Richards, Fred Hoppin, Robert Riggins and James Downey.

Dr. David Seegal, Nellie Estey, R.N., Anne E. Grosso, and Dr. Howard B. Bruenn left to right, are remembering when . . .



Proposing a toast for many more successful years are Ben Vasi, Max Gonzalez, Patrick Campbell and John Carlson left to right.



Enjoying the proceedings are Mrs. Grover O'Neill, Mrs. James McCosh Magie, Stella Williams and Julie Blondell, left to right.



Four remarkable gentlemen who added spirit and warmth to the 25-Year Club Dinner: top to bottom, Dr. George F. Cahill, Consultant in Urology, William Sheffield Cowles, Trustee, Peter Grimm, Trustee, and Dr. Willard C. Rappleye, Dean of the College of Physicians and Surgeons.

Photos by Manny Warman

Anna Rummel left, and Anna O. Shackelford halted reminiscing to smile for the camera.



Long time Associates in Medicine, Dr. David Seegal left, and Dr. Martin DeForest Smith.



Old friends Bruno Carita and Elizabeth Callahan.



Dr. Albin Seidel left, and Dr. Theodore Bundrant, both of the dental school, find the party a good chance to compare notes.

14 Years of Progress Mark Mr. Cooper's Term

Continued from page one

President Cooper had prepared a comprehensive plan for bringing all the hospitals on the site within the corporate structure of Presbyterian. With this step, he completed the grand design for a corporate alliance of specialized hospitals which had been envisioned by the founders of the Columbia-Presbyterian Medical Center in the early part of this century.

Support from the Business Community

Accustomed as he was to the large capital commitments necessary for the growth of a great corporation supplying an essential public service, Mr. Cooper lacked the timidity in financial planning frequently encountered in the field of non-profit enterprise. He recognized that capital investment is the seed of advancing productivity, and he set about securing for The Presbyterian Hospital the continuing financial support that would assure a rising standard of medical and hospital care, giving liberally of his own means for this end.

Mr. Cooper's own fervor for the great advance in modern medicine, in which discoveries made by Medical Center scientists had an essential part, enlisted the active interest and support of men who were leaders of New York's business and financial community. Under his leadership, some twelve million dollars were expended in balancing and modernizing the Hospital's resources for patient care, teaching, and research.

In Mr. Cooper's standard of a constantly advancing excellence, the medical staff found a yardstick of capital commitment that matched their own scientific appraisal of development necessary for medical progress.

Medical Dividends of Corporate Unity

The Presbyterian Hospital's unified but flexible corporate structure proved an instrument of increasing value as the practice of medicine developed along the lines foreseen by the founders of the Medical Center in the early part of the century. As medical progress quickened after World War II, the practice of medicine increasingly swept across the fixed boundaries of medical specialization.

The corporate, administrative and financial unity of The Presbyterian Hospital proved of great assistance to the medical staff in achieving the integration of patient care and in conducting research unfettered by the walls of the traditional medical specialties. It was also important in the balanced planning and acquisition of diagnostic and therapeutic equipment, often of great capital cost, that has helped to improve the quality of today's medical care.

A medical innovation at the Hospital in which Mr. Cooper took a special interest was the introduction of a form of group practice as part of the resources of Vanderbilt Clinic. This resource made a team of specialists available for diagnosis and preventive medical care of patients of limited means. Comprehensive diagnostic examinations covering the whole range of medical specialties are completed in the Group Clinic, usually within a few days.

From Junior Engineer to Top Executive

Born in Caldwell, Ohio, Mr. Cooper was graduated in 1907 from Ohio

State University as an electrical engineer. He was strongly drawn to academic life, and for a year taught engineering and mathematics at New Hampshire State College. He had hoped to go on to the doctorate that opens the door to higher achievement in the world of mathematics, but financial limitations made it seem more practicable to accept a job offer from the New York Telephone Company. Beginning as a junior engineer he moved rapidly up through the ranks of the Bell System. Sent to Ohio to help find a solution to the bankrupting wars of eight independent telephone companies, he succeeded in putting these independent companies together in a unified corporation with a capital position permitting provision of this essential service all over the state. At the age of 39 he was president of the Ohio Company.

Mr. Cooper's financial acumen and administrative skill are enhanced by a personal warmth and directness. Many of his major victories have been won with a few pithy words.

When, for example, he sought a rate increase that he believed necessary to assure the Ohio Company's ability to provide telephone service in pace with the state's rapid growth, the opposition brought an "expert" witness before the Public Service Commission hearing. When Mr. Cooper followed the "expert" on the stand, the Commission chairman said: "Mr. Cooper, what is your definition of an expert?"

Without really stopping to take thought, Mr. Cooper replied: "An expert is a man away from home."

The hearing room rocked with laughter, and, with anger dispelled on both sides, the Commission went on to consider the rate increase in a rational atmosphere and, eventually, granted it.

The outstanding operating success of the Ohio Company led to Mr. Cooper's election in 1926 as vice president and in 1946 as executive vice president of the American Telephone and Telegraph Company.

National Service

Mr. Cooper's public service went beyond his many achievements at the Medical Center. When Secretary of Defense James Forrestal sought a man to be his deputy as Chairman of the Armed Forces Medical Advisory Committee in 1949, he turned to Presbyterian's Charles Cooper. Mr. Cooper's gift for wise administration and patient conciliation proved of great value in working toward a greater unity of medical services for the Armed Services.

In 1953 Secretary of Defense Charles E. Wilson asked Mr. Cooper to act as chairman of a twelve-member committee to review and modernize the financial procedures of the Department of Defense, including the military departments.

Mr. Cooper holds honorary degrees of Doctor of Science from Columbia University and from his own university, Ohio State. He is a member of the board of directors of the Guaranty Trust Company of New York. He is married to Leonora Elizabeth Parsons, daughter of the late Dr. Charles Lathrop Parsons, widely known as a leading chemist. Mr. and Mrs. Cooper have two children, Alice Gureard (Mrs. Howard A. Armstrong) and Charles P. Cooper, Jr., and six grandchildren.



by Meyer Leibowitz, The New York Times



AS PRESIDENT EMERITUS Mr. Cooper finds more time to visit small patients, top. Premature nursery installed in 1949 has cared for 1,841 infants to date. First baby cared for, Jeannette D'Antoni, right, is now eight years old. Mr. Cooper in Medical Center garden, April 1957, below.





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XII, NUMBER 5

JUNE - JULY, 1957

Chemical Crossfire May Back X-Ray, Surgery in Triple Attack on Cancer

Advances in the diagnosis and treatment of cancer today make it possible to cure as many as half of all cancer patients. But sometimes, as every cancer surgeon knows, it is not possible to remove all of a malignant growth or to reach the "seeds" of a cancer spread by malignant cells that have traveled to other parts of the body.

For decades science has sought chemicals that will check the growth of cancer by blocking one of the steps in the chemical life processes of the cancer cell.

Recently news has come from a number of laboratories over the U. S. of chemicals that show some effect against the experimental cancers that scientists grow in rats and mice. Some of these have showed enough promise to persuade cancer surgeons that medicine may be close to chemicals which can be effectively combined with surgery or X-ray, or both, in a triple attack against cancer. If so, hope may be in sight for some of the cancer patients who are now beyond the reach of surgical or X-ray treatment.

Two researchers at the Columbia-Presbyterian Medical Center have recently reported a high rate of cure in treating experimental mouse cancer by combining chemi-

Continued on page six

Staff Exhibits Part of New Technique In Education Introduced by A. M. A.

Hailed as a "model for American education" and a "new scientific congress," over 400 scientific exhibits were presented last month at the New York Coliseum in conjunction with the American Medical Association's annual meeting. The Medical Center was represented by seven exhibits:

- *Portacaval Shunts for Portal Hypertension, 1943-1957* by Drs. Arthur H. Blakemore, Arthur B. Voorhees, Jr., Harold G. Barker, Keith Reemstma, and Nathan Lane, which won a Certificate of Merit.
- *Urinary Catecholamines: A Dependable Test for Pheochromocytoma* by Drs. Marcel Goldenberg, John K. Lattimer, George Cahill, and Gerald Cohen.
- *Neural Mechanisms of Emesis and Antiemesis* by Drs. S. C. Wang, William Amols, and H. H. Merritt.
- *Changing Aspects in the Treatment of Parkinson's Disease* by Dr. Lewis J. Doshay. Dr. Doshay was unable to see his own exhibit at the convention, since he was in Utrecht, Holland, addressing the Fifth International Congress of Therapeutics on his specialty: the medical treatment of Parkinson's disease.

- *Metisteroids in Experimental Toxemias* by Drs. Harry Seneca, O. K. Troc and A. Johnson.
- *Experimental Investigation of Antitussives* by Drs. S. C. Wang, W. M. Benson, P. L. Stefo, and T. C. Fleming.
- *Introduction to Human Genetics*

Continued on page five

Masons' Gift Brings Endowed Beds to 338

An endowed bed was given to the Hospital last month by Chancellor Kent Lodge, No. 870, Free and Accepted Masons. The endowment, amounting to \$10,000, brings to 338 the number of endowed beds now maintained by the Hospital.

The bed was given in memory of George J. Weissman, who had been a member of the Lodge, and a leader of the Lodge's support for our hospital. The Lodge earlier gave two respirators to the hospital which have helped provide care for many polio patients.

In accepting the bed at a presentation ceremony here, Alvin J. Binkert, Executive Vice-President of the Hospital, said: "A gift of hospital care to those who might otherwise not be able to secure it in time of need is a living memorial, whose benefits are multiplied as the years pass. Last year endowed beds at The Presbyterian Hospital provided 7,345 days of patient care."



Alvin J. Binkert

Mr. Binkert Appointed Executive Vice-President

Frederick A. O. Schwarz, Acting President, last month announced the appointment of Alvin J. Binkert as Executive Vice-President of The Presbyterian Hospital responsible for the administration of all units of the Hospital. Mr. Binkert has been Vice-President and General Manager since 1954.

A graduate of the University of Wisconsin, Mr. Binkert became associated with the Hospital twenty years ago as a representative of Haskins & Sells, certified public accountants. He was appointed Comptroller in 1941 and Assistant Vice-President, Administration, in 1948.

Mr. Binkert, 46, was born in Fort Atkinson, Wisconsin.

Identical Twin Studies Bring Honor to Kallman

Dr. Franz Kallman, professor of psychiatry, College of Physicians and Surgeons, and a principal research scientist, N. Y. State Psychiatric Institute, was awarded an honorary degree by the University of Turin in June. Using identical twins as a natural laboratory for the study of the influence of heredity, Dr. Kallman has reported on 7,000 pairs of twins. His work shows that identical twins tend to respond in the same way to certain diseases; schizophrenia, manic depressive psychosis, tuberculosis are among those studied. Other Americans honored: Dr. Jonas Salk, Dr. Charles Huggins.

Dr. Detwiler's Work Revealed Embryo Mold

Dr. Samuel R. Detwiler, professor and executive officer of the Department of Anatomy, College of Physicians and Surgeons, died in May. Dr. Detwiler was at work in his laboratory when he suffered the heart attack that caused his death.

Internationally known for basic research in the field of neuro-embryology, Dr. Detwiler, working with the salamander, developed a transplant technique that demonstrated that the pattern of cellular development is set from the earliest stage of embryonic life.

Continued on page five



Dr. Franz Kallman, famous for identical twin studies, with two normal twins.

REPORTERS

Accounting—Helen Hockenberger. **Building and Grounds**—Margaret Muccilli, Edith Hinkle, Robert Williams. **Babies Hospital**—Loretta Molzahn. **Chaplain**—Robert B. Reeves, Jr. **Elevators**—John J. Callahan. **Eye Institute**—Helen Meade. **Graduate Nursing Staff**—Patricia O'Hara. **Housekeeping**—Rosina Wallace. **Laundry**—Mary Minsky. **Library**—Mrs. D. W. Hood. **Mail & Messenger**—John J. Campbell. **Nurses Aides**—Mary Ryan. **Orderlies**—Fred La Porte. **Physical & Occupational Therapy**—Helen White. **Protective**—Edwin H. Behlmer. **Purchasing**—Gerard Walker. **Record**—Marion R. Trilling. **Social Service**—Elka Fink (N.I.), Adelaide Vrooman (B.H.), Clare Yoder (P.H.). **Telephone**—Margaret Buckley. **Vanderbilt Clinic**—Calvin Hatcher.

Carol Hinnigan, typist, Accounting, married Nicholas Whalen of the U. S. Air Force on May 25 at St. Rose of Lima Church, New York. The new Mrs. Whalen has been a Sunday morning volunteer, spending many hours helping hospitalized patients attend the service of their choice in the Hospital Chapel.

• **ENGAGEMENTS:** *Charles Bucknam*, '57 graduate, P & S, is engaged to *Dorothy Montgomery*, O.T. student at Columbia.

Ellen Stoldt, a medical secretary, is engaged to *Thomas Green*, an alumnus of Georgetown University. An October wedding is planned.

Mary Timberlake, physical therapist, is engaged to *Charles Neave*, P & S 3rd year medical student. An August wedding is planned.

Dr. C. R. Franklin, Ophthalmology, and *Dr. Winifred Franklin*, Medicine, are planning an August wedding for their daughter, Elizabeth Hope to Cooper Ponton.

• **RETIRING:** *Mrs. Dorothy Balison* is leaving Medical Center after working eight years in many of the clinics. For the past two years she has been in the Physical Medicine Department; all her associates wish her happiness and success. Mrs. Balison is "retiring to take up housekeeping."

Lila Lambert, of Food Service, is retiring July 1, after almost 30 years of faithful and good service. Miss Lambert has been with the Medical Center since its early years, May 1928, and is a member of the 25-Year Club. We all wish her many more years of health and happiness.

Mary F. Sharp, staff nurse in Vanderbilt Clinic retired, to live in Lockport, New York. Miss Sharp, also a 25-Year Club member, has been with the Hospital since 1927. We are deeply indebted to her for all her nursing care given the patients here at the Medical Center.

Elizabeth O'Brien, Floor Clerk in Neurology, Department of

One More Prize for Veteran Contest Winner

Mrs. Julia Grumet of the Surgical Library recently won first prize in a Buitoni Spaghetti contest. Mrs. Grumet's jackpot is a trip to Italy on the Queen Frederica. Her winning entry included sketches of Durer and Verrocchio, Italian and American peace and good-will-type postage stamps, and this slogan in Italian and English



Contest winner Julia Grumet.

"The Italian touch touches American taste; now enjoy the culinary art of Italy, courtesy Buitoni."

A veteran contest winner, Mrs. Grumet has received 25 prizes out of the 100 contests she has entered. Her first efforts, during the depression, brought her \$300. Mrs. Grumet's youngest son, a student at Columbia, wrote an essay on the Merchant Marine which won him an 8-weeks' tour of southern Europe and Africa, guest of the American Export Line. Her other son is a second-year medical student at the State University.

Nursing, is leaving July 1. Mrs. O'Brien came to us in 1944. Mrs. O'Brien has no immediate retirement plans.

We shall indeed miss these ladies for their service to the Hospital, patients and associates.

STETHOSCOPIA

• **JUNE WEDDINGS:** At least four members of the Class of 1957 of the College of Physicians and Surgeons collected wives as well as M.D.'s in this busy month. So far on record as altar bound are: *Ronald Altman*, *Richard Beebe*, *Richard Hyde* and *Henry Metzger*. Taking marriage vows as well as diplomas are the following young ladies from the Nursing School graduating class — 1957: *Lynn Garrick*, *Martha Holbrook*, *Marilyn Howie*, *Helen Ellison*, and *Kathleen Kladviko*.

Nancy Wolper, Babies Hospital Social Service, will wed Howard Kummer, a Rabbinical student at the Jewish Theological Seminary, and spend the next two months on a camping tour of the western United States.

Debra Ackerman, a research assistant in P & S plans to marry *John Blum*, a medical student at Bellevue Medical Center.

Jennie Hagane of Basal Metabolism, married Norman Halvorsen

on June 8 in Red Bank, New Jersey.

Dr. Barrie Watson, on the Orthopedic Service, married *Lynn Vandusen* on June 1. The Most Rev. *Fulton J. Sheen* officiated at the marriage at the Church of the Annunciation of Our Lady in Mount Royal.

• **MAY WEDDINGS:** *Dr. Hope Craig*, daughter of *Dr. Frederick Craig*, Orthopedic Service, and former P & S graduate, married *Dr. Roger Perry* on May 19 at St. Thomas Chapel, New York. *Dr. Perry* and his bride are both residents at New York Hospital.

Eva Wohllauer, PH head nurse, married *Morton Rollnick* in a ceremony in The Pauline A. Hartford Memorial Chapel on May 19. Rabbi *Marvin J. Goldfine* officiated.

Barbara Fennell, senior clerk, Personnel Department became Mrs. *Harry T. Collopy* on May 18. The Collopy's will live in Fredonia, New York.

From the Month's Mail Bag

"The entire personnel on the 10th floor seemed to want to do everything possible for my comfort and benefit, from the cleaning woman to the head nurses and matron. I came home at the end of seven days with the feeling that I had been on a very pleasant vacation, with excellent facilities and excellent food. . . ."

"If Academy Awards were granted to the nursing profession, I am sure that the registered nurses and the nurses aides of Division 7E of Harkness Pavilion would make a clean sweep of the 'Oscars'. . . ."

"To think that a person of any faith can attend services in keeping with his own religion amazes me. I was quite impressed by the fact that you have so many volunteers available at such an early hour on Sunday mornings. . . ."

"Even the dietitian was anxious to please and helped me so much with suggestions, as I had to have a special diet. . . ."

"I would especially like to commend your organization for the thoughtful Mr. Starr who has been beyond reproach in the handling of my account, leaving my wife and I with nothing but the highest praise for every phase of operation of your hospital. . . ."

GREATER NEW YORK FUND showed Standard Oil of New Jersey employees modern hospital care in Presbyterian tour. Laboratory technician at right is Donna Leland. Presbyterian employees had contributed over \$6,246 to the Fund as of June 7.



SCHOOL OF NURSING'S 63rd CLASS READY TO HELP MEET NURSING SHORTAGE

On a fine June afternoon; 108 School of Nursing graduates, prettier than any picture can suggest in blue-striped uniforms and red rose corsages, received the certificates that mark the successful completion of their nursing studies.

This year for the first time all the graduates hold, not only the nursing certificate, but also a Bachelor of Science degree from Columbia University. Another first this year: all the graduates are ready to begin work immediately (more than half of them at Presbyterian Hospital). This class was able to complete the nursing program in exactly 33 months, instead of in the 36 months that have hitherto been necessary. Both these firsts are the results of some years of curriculum re-planning by Miss Eleanor Lee, Director and Professor of Nursing, and Miss Helen F. Pettit, Director of Nursing Education and Associate Professor.

Mr. Henry C. Alexander, PH trustee who presided at the Commencement said: "All of us share your families' pride in you, and shall follow your path, as you go out now into the world of work and service, with something of the same interest."



PH TRUSTEE Henry C. Alexander presided at Commencement. Rabbi Marvin J. Goldfine is left of Mr. Alexander. At right: Columbia's beloved Dean Emeritus Harry J. Carman, who was Commencement speaker, Dean Willard C. Rappleye of the Faculty of Medicine, and the Reverend Robert B. Reeves.



PH TRUSTEE Mrs. Frederic F. deRham, Miss Helen F. Pettit, Director of Nursing Education, and the happy holder of the nursing diploma, Miss Helen Ellison (photo, far left). Pinning marks the graduate nurse: Lynn Gertrude Garrick, president of the 1957 class; Miss Eleanor Lee, Director of Nursing; Kathleen Kladviko Gardner, president of the student government. Below, 108 members of the Class of 1957 are ready for nursing careers.





NEW GRADUATES form traditional diploma arch for Miss Eleanor Lee, Director of Nursing.



THIS YEAR'S CLASS included some members from far off places, many of them the daughters of missionaries (top, left to right): Yolande M. Muhlethaler, from Switzerland will be a PH pediatric nurse; Anne R. Patterson, born in China, will go to Scotland to work in an orphans' hospital; Carrie Jane Conser, born in India, will be a PH surgical nurse; Doreen Anne Kolditz, born in New Zealand, plans to get graduate experience as a PH surgical nurse, then join her missionary parents in New Zealand; Helen A. Ellison, born in Hong Kong, will marry a missionary and become a missionary nurse in Netherlands, New Guinea.

CLASS OFFICERS wearing happy smiles, (bottom, left to right): Doreen Anne Kolditz, treasurer; Barbara Louise Fague, secretary; Miss Elizabeth Gill, class advisor; Lynn Gertrude Garrick, president. Absent from the picture is vice president Dorothy Simpson.



PIN PRESENTED by Miss Helen F. Pettit, Director of Nursing Education, to proud graduate, Libby Myra Tesler.

DOUBLE DUTY TWINS IN OFF DUTY MOMENT: Betsey Angelyn Ball and Barbara Ann Ball flanked by Lt. Col. and Mrs. Ball.



Both Degrees and Posts of Honor Mark Achievements of Center Medical Staff

Honors fell abundantly among the Medical Center's professional staff during June's round of university commencements and professional meetings.

Dr. Robert Loeb, Director, Medical Service, received an honorary degree from Kenyon College, was elected to membership in the Royal College of Physicians of London, and was made Foreign Corresponding Member of the British Medical Association.

Yale gave an honorary degree to Dr. Dickinson W. Richards, Nobel Prize winner and Lambert Professor of Medicine; Duke University gave the LL.D. to Dr. Algernon B. Reese, Service of Ophthalmology. Dr. Stanley E. Bradley served as President of the American Society for Clinical Investigation.

Dr. Franklin M. Hanger, president of the Medical Board, was elected a regent of the American College of Physicians and Dr. Joseph W. Jailer was elected to membership in the Association of American Physicians.

Dr. Howard C. Taylor, Jr., Director, Service of Obstetrics and Gynecology, was elected president of the American Gynecological Society.

To Dr. Paul H. Hoch, State Commissioner of Mental Hygiene and professor of clinical psychiatry, P & S, went the first Samuel Rubin award for "contributions in the field of mental health."

Credit to Mrs. Smith For Evening Volunteers

When Mrs. Anna M. Smith last month left her Hospital post as evening assistant to the director of volunteers, she left a well-trained group of 200 evening workers. Thriving under Mrs. Smith's leadership, the evening corps reached a strength amounting to 47 per cent of total volunteer personnel. A big part of the evening job is tender and loving care, administered liberally at bedtime at Babies Hospital.

After a vacation, Mrs. Smith will continue her affiliation with the First Investors Corporation as a mutual fund representative.

Mrs. Smith's many years of public service began during World War I when, as an American Red Cross nurse's aide, she helped care for soldiers brought from the Chateau-Thierry battlefield. She is a sister of the late Dr. George M. Mackenzie, famous director of P & S's rural teaching affiliate, the Mary Imogene Bassett Hospital, and of Presbyterian Trustee James C. Mackenzie.

• **HYPNOTIZED RABBIT:** Ever see one? Children in Babies Hospital did one day recently during a show of magic by Joe Howard. Joe got the idea of volunteering his services as an entertainer while visiting his father, a patient here.

Exhibits and Papers

Continued from page one

for the Dermatologist by Drs. Helen O. Curth and Bertha M. Aschner.

Papers were presented at the A.M.A. sessions by Drs. Duncan A. Holaday, E. M. Papper, Virginia Apgar, Stanley James, George C. Andrews, Anthony N. Domanos, Victor M. Torres, Robert H. Wylie, Algernon B. Reese, George K. Smelser.

A number of other staff members participated as moderators and discussants.

Kids Get to Circus As Urology Pitches In

May time was circus time for 64 children of the cerebral palsy, orthopedic, and seizure clinics, thanks to the Madison Square Garden Corporation. Parents helped with arrangements and some joined the group as chaperones. This year, as always, the American Red Cross sent a bus and station wagon, and the Fifth Avenue Coach Company sent a bus, to carry the happy passengers to the Big Top.

"Squirmed" by secretaries and nurses from the Urological Service, 14 children, all former urological in-patients, also saw the circus last month. This is the third year Squier Urology has voluntarily organized a trip to the circus. The staff pitched in to provide money for the treat, and Rockland Bus Company sent a bus. Perhaps next Spring when the circus rolls in other departments will catch the circus fever.

Orthopedic Alumni Meet

The New York Orthopaedic Hospital welcomed its alumni on June 7-8. Talking to the alumni on subjects in orthopedic surgery were: Dr. Kenneth C. Francis, Dr. James B. Jones, Dr. John R. Mahoney, Dr. William K. Massie, Dr. Harrison L. McLaughlin, Dr. Alexander Garcia, Dr. Charles S. Neer, II, Dr. Alan DeForest Smith, Dr. C. Andrew Bassett, Dr. James B. Campbell, Dr. Robert E. Carroll, Dr. Bradley L. Coley, Dr. Mario M. Stone, Dr. Paul Strassburger, Dr. Sawnee R. Gaston, Dr. Charles W. Findlay, Jr., Dr. Samuel H. Madell, Dr. Richard Fenton and Dr. Charles T. Ryder.

P & S Alumnus Medical Officer at South Pole

Medical officer to the eighteen Americans camped at the "bottom of the world" at the South Pole is a 1955 P & S graduate, Dr. Howard C. Taylor, 3rd. Last month Dr. Taylor reported by radio that the men, enduring temperatures 100 degrees below zero and the lowest so far recorded on the surface of the earth, were in good health and high spirits. The Navy camp, snowed in at the Antarctic night, will have only radio communication with the outside world until the first planes come when the sun rises next September.

Dr. Taylor, Navy lieutenant, volunteered for Polar Base service. He is the son of Dr. Howard C. Taylor, Jr., director, Service of Obstetrics and Gynecology.

In Memoriam

Continued from page one

Among Dr. Detwiler's many published works are two books that stand as classics in their fields, *Neuroembryology*, and *Vertebrate Photoreceptors*. An important part of his lifework was a record of the structural adaptation of the eye through the various stages of vertebrate evolutionary development.

Born in Ironbridge, Pa., Dr. Detwiler took his doctorate in zoology and anatomy at Yale and began his career as an instructor there. He was for three years a member of the faculty of the Peking Union Medical College in China and joined the Columbia faculty in 1927.

Dr. Detwiler is survived by his widow, Mrs. Gladys Hood Detwiler, and a son, Ross Harrison Detwiler. Another son, Samuel R. Detwiler, Jr., was killed in action during World War II.

Dr. Haven Emerson, a pioneer in American public health and professor emeritus of Columbia's School of Public Health, died in May at the age of 82.

As Health Commissioner of New York City, Dr. Emerson was instrumental in organizing what is now the American Heart Association. He was an early advocate of mass vaccination as a means of controlling communicable disease. Leading the fight against New York's disastrous polio epidemic of 1916, Dr. Emerson organized a group of scientists for one of the earliest research investigations of the cause of this disease. An alumnus of P & S and the son of a doctor, Dr. Emerson was also a grandnephew of Ralph Waldo Emerson.

Miss Isadora Mudge, for 30 years reference librarian for Columbia University, died in May.



Manny Warman
Miss Nellie Estey

Miss Estey Marks 34 Years of Service Here

Shortly before the doors of Vanderbilt Clinic opened for the first time at the Medical Center one April morning in 1928, a white-capped nurse might have been seen getting out of a taxi with a large laundry basket. A few minutes later Vanderbilt Clinic's new head nurse, Miss Nellie Estey, was unpacking from sterile wraps all the instruments and medicines the Clinic doctors would need to see their patients—500 the first day.

Through the years the Clinic staff learned that, whatever the need, Nellie Estey was sure to be on hand with something practical to meet it. When Miss Estey retired last month as Assistant Director of Nursing for Vanderbilt Clinic, she left scores of friends and a gap that would be hard to fill.

Miss Estey was a PH nursing graduate in 1920. She worked for a year at Presbyterian, then spent three years at Robert College in Istanbul, Turkey. She returned to become head nurse of the Out-Patient Department of Presbyterian Hospital, moved with the Hospital to the Medical Center.

In June, Miss Estey left for a visit to her native Quebec, planned a leisurely trip to Majorca and England before her return to New York.

Vacation Pictures

Don't forget to have a friend take a picture of you in an interesting vacation setting this year. STETHOSCOPE will publish the best vacation photos in September. Send photos showing you on your vacation to the Public Interest Department. All will be returned.

Miss Mudge proposed the quotation carved in stone over The Presbyterian entrance: "For of the Most High cometh healing."

Chemical Crossfire May Back X-Ray and Surgery in Triple Attack Against Cancer

Continued from page one

icals with surgery, and with X-ray. The study, by Dr. Daniel Shapiro, surgeon, and Dr. Morton Kligerman, radiologist, is one of the over 130 cancer research investigations now underway at the Medical Center's Institute of Cancer Research.

"Our most recent results," Dr. Shapiro said last week, "suggest that response to anti-cancer drugs may be in ratio to the number of cancer cells in the body. If this is so, it may be possible for surgery to reduce a tumor to a size at which it will respond to chemical treatment. The results also suggest that some of the drugs which have proved to have no effect on solid tumors in humans, although showing promise with animal cancer, will have to be studied again. Their lack of effect may be due to the fact that they were tried only with hopeless patients, where cancers had already grown to a size beyond the power of the amount of the drug that could be safely given."

Chemicals Combined with X-Ray

In a recent report to the American Association for Cancer Research, Dr. Shapiro and Dr. Kligerman said that cure rates of breast cancer in experimental groups of mice were raised to 87 per cent when two chemicals were combined with X-ray treatment. This compared with a cure of 27 per cent of the mice by X-ray alone.

One of the compounds used, 6-aminonicotinamide, is a newcomer to experimental cancer chemotherapy. This chemical is an anti-vitamin. It is believed to block or act against certain components of the Vitamin B complex which are enzymes that carry forward the chemical reactions of cellular respiration.

The other chemical is 6-mercaptopurine.

This compound is already well-known to science as an antagonist, or anti-metabolite, of one of the building blocks of the cell nucleus. It is presently being used in some cases in the treatment of leukemia, or blood cancer, but had been abandoned by doctors as ineffective against solid cancer in humans.

Chemicals Plus Surgery

These two young doctors have been working for several years in a joint effort to find a combination of chemicals that would make cancer cells more sensitive than surrounding normal tissues to X-ray. Dr. Shapiro has recently extended the work to include measuring the effect of 6-mercaptopurine (6MP) on mice tumors partly removed by surgery. By surgically reducing a 15-day-old tumor to the approximate size of an 8-day-old tumor and then following with daily injections of 6-MP, Dr. Shapiro was able to cure 57 per cent of the mice. Neither surgery alone nor 6-MP alone was able to cure a 15-day-old tumor.

The long search for chemicals to use against cancer has been baffling to scientists because so little is known about the over 200,000 chemical reactions that constitute the life of a normal cell. Nor have scientists been able to discern the chemical differences between a cancer cell and a normal cell.

Enzymes Are the Target

Among the few facts that have emerged in decades of study of the life of the cell is evidence that some enzymes are in shorter supply in the cancer cell than in the normal cell. Enzymes are nature's catalysts; they speed up the myriad chemical reactions that occur in the living laboratory of the body cell to the pace of life. If enough of the enzymes are blocked, the cell dies.

Over the last 10 years, Dr. Shapiro has been testing chemicals to attack the cancer cell at its known weak points. These chemicals block certain enzymes and certain other chemical building blocks (components of nucleic acid) essential to the life of the cell. Because the normal cell has more of these vital chemicals it can survive the anti-metabolite attack. But the anti-metabolites choke off the already scanty supply of essential enzymes and nucleic acid building blocks in the cancer cell.

Other researchers associated in these biochemical studies are Dr. L. S. Dietrich and Dr. M. E. Shils.

The researchers expect soon to test other chemicals which may reach other weak spots in the cancer cell, increasing the power of their multi-chemical, X-ray and surgical crossfire against cancer.



ATTENDING GARDENERS Jerry Kunz, James Whitley, Josef Weisz.

Four Acres of Lawn, Flowers, Shrubs Thrive under Attending Gardeners Care

Not every infusion bottle at The Presbyterian Hospital ends up at a patient's bedside. Earlier this summer, staff members watched grounds foreman Gerard (Jerry) Kunz administer intravenous feeding to a linden tree in the chapel grounds. A victim of wilt disease, the tree was obviously dying. Kunz, mindful of his medical surroundings, called in a consultant from the Long Island Agricultural and Technical Institute, his alma mater. Supportive treatment was indicated, holes were drilled in the trunk of the tree and a special "growth" solution fed into the capillaries of the wood.

Although the treatment, in this case, was unavailing, the great majority of Jerry Kunz's horticultural charges are alive and healthy. They comprise four acres of lawn, scores of trees (ranging in variety from the Norway maple to the oriental maidenhair), shrubs, hedges and thousands of flowers—all of which contribute to the "environmental therapy" of a hospital.

Mr. Kunz came to Presbyterian a little over two years ago. He heads a staff of six gardeners who perform transplants, amputate limbs, do internal surgery and an occasional graft—all, of course, on trees.

Recently, for example, the gardeners planted a flowering almond bud grafted on the stock of an apple tree in front of Harkness Hall. The purpose? To give height to the low growing almond so that its beauty can be more widely seen. Not long ago, the gardeners removed four 12-year-old maples from the south area, near the parking lot, to the Neurological Institute garden—a major operation that required five attending gardeners.

A naturalist, Mr. Kunz leaves very little to Nature. Not many persons at Presbyterian realize that most of the trees and all of the shrubs at the hospital were selected for their ability to resist the high winds that whip across the Hudson from the New Jersey palisades. The complex of tall buildings, he points out, creates a

chimney effect which is extremely hard on some plants.

Keeping Presbyterian attractive is one of the numerous responsibilities of the Department of Buildings and Grounds. In addition to foreman Kunz, the gardeners include James Whitley, Brendan Burke, Edward Cleveland, Martin Connolly, James Fautous. Their efforts were dramatically evident on June 6, graduation day for the School of Nursing when beds of sweet william, geraniums, petunias and salvia were moved into place in the chapel garden in time for the ceremonies.

Do you know a June graduate, maybe one who is looking for a first job?

You may be able to do a real service for a friend by suggesting one of the interesting jobs now open. A job in a laboratory, for example, may give a young person interested in medicine a first chance to help with blood chemistry tests, radioactive iodine tests, or some of the other laboratory resources of modern medicine. The Personnel office also informs us a variety of clerical, and some secretarial positions are available.

If you know of anyone who might like to start a career with a job here, tell him, or her to call the Personnel Office, Extension 7971, and make an appointment with Miss Gregorich or Miss Newsum.



Dr. Daniel Shapiro

Don Miller



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XII, NUMBER 6

AUGUST, 1957

Seven Doctors Retire at Mid-Year; Drs. Andrews, Oman Made Consultants

Seven doctors retired on June 30—six from both the Hospital and P & S, a seventh from the Hospital only. Those giving up their dual appointments included: Dr. George C. Andrews, of Dermatology; Drs. Lawrence H. Cotter, Bertram J. Sanger and Max Soley, Medicine; Dr. J. Taylor Howell, Pediatrics; Dr. David C. Bull, Surgery. In addition, Dr. Carl R. Oman retired from the Dental Service but retained his P & S appointment as Professor of Dentistry.

Of the retiring doctors, two—Drs. Andrews and Oman—will continue their association with the Hospital as consultants. All will continue private practice. Highlights of the doctors' careers:

DR. ANDREWS

Dr. George Clinton Andrews, Attending Dermatologist and Clinical Professor of Dermatology, is widely known for his work in modernizing radiation therapy of skin diseases, particularly malignancies, and in developing radium treatment of hemangiomas, or birthmarks. He has written many articles and lectured widely on dermatological subjects, especially hemangiomas and epitheliomas. For 25 years, his book, *Diseases of the Skin*—now in its 4th edition and soon to be published in Spanish and Italian—has ranked as a standard work. In recent years he has been active in the study of all phases of radiation protection in reference to radiation therapy.

A graduate of Cornell and P & S, Dr. Andrews interned at Presbyterian Hospital and has been associated with it ever since—for the past 18 years as Attending Dermatologist. He also held various appointments in Vanderbilt Clinic. He became Associate Clinical Professor in 1938 and Clinical Professor in 1950.

Dr. Andrews is consulting dermatologist to many hospitals. He is a fellow of the American College of Physicians and a member of the American Dermatological Association.

Continued on page two



MANNY WARMAN

THREE GENERATIONS of Auchincloss family join Miss Eleanor Lee, Director of Nursing, to look over the new Florence Nightingale Collection Catalogue. From left to right—Dr. Hugh Auchincloss, Jr., Miss Lee, Mrs. Hugh Auchincloss, Mrs. Allen Look and Miss Barbara Look. The picture was taken in the Florence Nightingale Room in Maxwell Hall library.

Warm Welcome for New Nightingaliana Catalogue

A newly published catalogue of the School of Nursing's Florence Nightingale Collection received a warm welcome on June 26 at a luncheon in Anna C. Maxwell Hall given by Miss Eleanor Lee, Director of Nursing, to members of the Columbia-Presbyterian Museum Committee. The occasion was enriched by the presence of Mrs. Hugh Auchincloss and several other members, representing three generations, of the family of the late Dr. Hugh Auchincloss, donor of the nucleus of the Collection to the School of Nursing.

Reviewing the importance and growth of the Collection, containing 254 original letters from Miss Nightingale as well as many other items, Miss Lee, under whose direction the catalogue was published, revealed that a copy had been air-mailed to the Wellcome Historical Medical Library in London, where a complete catalogue of Nightingaliana is being made in preparation for the Florence Nightingale Centenary in 1960. The British collectors, she said, reported themselves as delighted with the catalogue which they described as the most valuable contribution they had received from anywhere, proving that it had already won international prestige.

Two other speakers of great interest were Mrs. Allen Look, Dr. Auchincloss' daughter, and Miss Barbara Look, his granddaughter and a second-year student in the Nursing School. It was on the occasion of Mrs. Look's graduation from the School of Nursing in 1932 that Dr. Auchincloss presented his collection to the School in memory of his mother, Maria Sloan Auchincloss. Mrs. Look recalled that her father had become active in collecting Nightingaliana because he wanted to do something for Miss Maxwell, herself a collector in the last years of her retirement.

She added that she felt the great inspiration of his mother had influenced Dr. Auchincloss in his appreciation of women who later became his associates, including Miss Maxwell. And she announced amid applause that she would present a copy of a photograph of her grandmother to the School to be hung as an addition to the Nightingale Collection.

Miss Barbara Look dwelt on the lessons to be learned from Miss Nightingale's career in these days of great medical advances. Among the most important, she felt, was the need to preserve the personal factor in nursing—to treat the patient as a person and not just as a disease.

Others who spoke at the luncheon included Dr. Hugh Auchincloss, Jr., of the Surgery Service, Dr. Richard J. Cross, Assistant Dean of P & S, Dr. Benjamin F. Wright, of the Service of Medicine, and Mr. Mark Mueller, president of the Columbia-Presbyterian Museum Committee and a third-year P & S student. The Committee seeks to catalogue all historical items in the Medical Center.

The guests also included Dr. George H. Humphreys II, Director of the Service of Surgery, and Miss Margaret Eliot, former Director of Nursing.

Miss Daisy M. Mapes, Surgical Nurse, Retires

A career of inestimable value in modern surgery came to an end on June 30 with the retirement of Miss Daisy M. Mapes, R.N., Supervisor of the Experimental Operating Room on the 17th floor of P & S. For nearly 29 years, Miss Mapes had assisted surgeons in experiments on animals that led to successful surgery on human beings. These were experiments in which the operation itself required skill and imagination but in which the scrupulous operating room techniques of a modern hospital had to be observed, in order to give the animal patient the same protection in surgery as enjoyed by human beings. Those techniques Miss Mapes unflinchingly supplied.

Most of the operations were on dogs; but many were on cats, pigs, rats and rabbits. Miss Mapes



Miss Mapes and friends

helped in many experiments performed by top P & S surgeons that made medical history. Among the most recent: aorta homographs and open heart surgery by Drs. Ralph A. Deterling, Jr. and Shivaji B. Bhonslay. Others, over the years, included: bronchoscopies by Dr. John D. Kernan; studies in circulation of the spleen and excision of the pancreas by Dr. Allen O. Whipple; experiments in repair of bone by the late Dr. Clay Ray Murray; work on arteriovenous fistulae and aneurysms (the beginnings of large blood vessel surgery) by Drs. Arthur H. Blake-more and George H. Humphreys II; on plastic cloth grafts as substitutes in the great vessels by Dr. Arthur B. Voorhees, Jr.; on absorbable hemostatics (cotton and gauze that disappear in the tissues) by Dr. Virginia Kneeland.

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REPORTERS

Accounting—Helen Hockenberger. **Building and Grounds**—Margaret Muccilli, Edith Hinkle, Robert Williams. **Babies Hospital**—Loretta Molzahn. **Chaplain**—Robert B. Reeves, Jr. **Elevators**—John J. Callahan. **Eye Institute**—Helen Meade. **Graduate Nursing Staff**—Patricia O'Hara. **Housekeeping**—Rosina Wallace. **Laundry**—Mary Minsky. **Library**—Mrs. D. W. Hood. **Mail & Messenger**—John J. Campbell. **Nurses Aides**—Mary Ryan. **Orderlies**—Fred La Porte. **Physical & Occupational Therapy**—Helen White. **Protective**—Edwin H. Behlmer. **Purchasing**—Gerard Walker. **Record**—Marion R. Trilling. **Social Service**—Elka Fink (N.I.), Adelaide Vrooman (B.H.), Clare Yoder (P.H.). **Telephone**—Margaret Buckley. **Vanderbilt Clinic**—Calvin Hatcher.

Seven Doctors Retire

Continued from page one

tion, American Radium Society and other professional bodies; he also holds honorary membership in numerous foreign dermatological societies. Besides serving as Consultant at Presbyterian, he will carry on private practice at his downtown office and will continue to devote himself to his chief nonmedical interests: the Salvation Army, of which he is a director; and a large family, including six children and eight grandchildren.

DR. COTTER

Dr. Lawrence H. Cotter, Assistant Physician and Associate in Medicine, is an outstanding industrial toxicologist with over 30 years' service at the Medical Center and its antecedents. For many years he has seen in consultation or treated virtually all patients suffering from industrial toxins. Many of these came to his regular sessions at Vanderbilt Clinic on Thursday afternoons, when he also did much of his teaching. Dr. Cotter has written many papers on diagnosis and treatment of industrial poisoning involving lead, selenium, cadmium, beryllium, trichloroethylene and other industrial toxins. One of his most important contributions to medicine is his treatment of lead poisoning with chelating agents. His downtown laboratory has been an enormous asset to Presbyterian in diagnosing industrial toxin diseases.

A graduate of Columbia and of the Albany Medical School, Dr. Cotter interned at Bellevue and was resident and pathologist there, and then pathologist at Sloane Hospital before joining Vanderbilt Clinic in 1926 as Assistant Chief of Clinic—the first of several appointments there. He became Assistant Physician at Presbyterian in 1930.

Dr. Cotter will continue private practice in partnership with his wife, Dr. Betty Fairbanks Cotter. A graduate of the Ecole de Médecine, University of Paris, Dr. Betty Cotter in 1941 organized and became the first director of Presbyterian's Volunteer Department. She has been active for many years in the Women's Auxiliary. "Larry" Cotter will also find time when he can to pursue his several hobbies, including fly-fishing, skiing and photography.

DR. SANGER

Dr. Bertram J. Sanger, Associate Attending Physician and Associate Professor of Clinical Medicine, is an authority on metabolic diseases, notably diabetes and diseases of the thyroid gland. He set up the Metabolism Clinic in the old Presbyterian Hospital at 70th St. and Madison Avenue in 1920 and headed it there and at the Medical Center until his retirement; he was also in charge of the metabolic service in the wards.

A Texan, Dr. Sanger was graduated from the University of Texas in 1913 and Johns Hopkins Medical School in 1917, being elected to Phi Beta Kappa and Alpha Omega Alpha. He interned at Johns Hopkins Hospital, served in the U. S. Army as a First Lieutenant in the Medical Corps, then studied metabolic research at the Massachusetts General Hospital in Boston with Dr. Howard Means. He came to Presbyterian in 1919 under the Coolidge Fellowship in Medicine at Columbia University, and with initial appointments as Instructor at P & S and Assistant Physician at the Hospital; it was the beginning of a 38-year association. He became Associate Attending Physician and Associate Professor of Clinical Medicine in 1952.

Dr. Sanger is a fellow of the American College of Physicians and a member of the Harvey Society. He will continue private practice at his downtown office while finding more time to enjoy his favorite relaxations: looking after his Fairfield County, Conn., farm, and traveling.

DR. SOLEY

Dr. Max Soley, Attending Physician, Vanderbilt Clinic, is a specialist in tuberculosis. A graduate of Cornell Medical School, he interned at Stamford (Conn.) General Hospital, joined the Department of Health of the City of New York in 1917, and returned to the Department in 1921 after two years' Army service.

Dr. Soley came to Presbyterian in

1938 under a joint arrangement between the Hospital and the Department of Health. He served as Attending Physician in TB in 1938-39, chief of the TB Clinic in Vanderbilt from 1938 to 1946, and as Attending Physician in Vanderbilt Clinic from 1938 on. Dr. Soley will continue his private practice at his downtown office, also his work with the Department of Public Health and at Harlem Hospital, where he has been Attending Physician since 1950.

DR. HOWELL

Dr. J. Taylor Howell, Associate Attending Pediatrician and Associate Clinical Professor of Pediatrics, has served the Medical Center and its predecessors for over 30 years. A graduate of P & S in 1919, he interned at the old Presbyterian Hospital and then worked in the clinic there before receiving his first appointments in 1926—as Assistant Physician in Pediatrics at PH and Assistant at P & S. Following establishment of the Medical Center, he served until his retirement in various appointments at Babies Hospital, Sloane Hospital and Vanderbilt Clinic, also teaching continuously at P & S. He received his appointment as Associate Attending Physician at Presbyterian Hospital in 1947 and as Associate Professor at the College of Physicians and Surgeons in 1955.

Dr. Howell will continue his private practice in Babies Hospital and at his downtown office; also his work as consultant in pediatrics to St. Luke's Hospital at Newburgh, N. Y., and the Good Samaritan Hospital at Suffern, N. Y. In spare moments, he likes hiking and sailing.

DR. BULL

Dr. David C. Bull, Associate Attending Surgeon and Assistant Professor of Clinical Surgery, was a pioneer in developing blood transfusions and has made a lifetime study of peripheral vascular disease, especially varicose veins. He was a founder of the Blood Transfusion Association, serving also as its medical director, a trustee and chairman of the Board of Medical Control; he has been ac-

tive on committees of the American Red Cross blood program.

A graduate of Yale and P & S (1916), Dr. Bull saw Mexican border service with the Squadron A Cavalry in 1916, and the following year served in the 107th Infantry in France, winning the Silver Star and Purple Heart. Following his residency at Bellevue, he joined the old Presbyterian Hospital Out-Patient Department in 1922 as Assistant Surgeon—the first of several clinic appointments. He became Assistant Attending Surgeon at Presbyterian Hospital in 1923 and Associate Attending Surgeon in 1948, his academic appointments including Assistant Professor of Surgery in 1930 and of Clinical Surgery in 1938. Dr. Bull will continue his private practice in Harkness Pavilion. For relaxation, he enjoys being at his Woodbury, Conn., farm with his wife and children and their riding horses.

DR. OMAN

Dr. Carl R. Oman, retiring as Attending Dental Surgeon, came to the Medical Center in 1936 as Assistant Professor in the Dental School; he became Associate Professor the following year and since 1945 has been Professor of Dentistry and head of the School's Division of Operative Dentistry. He is a member of the Admissions Committee of the Dental School. He was appointed Attending Dental Surgeon in 1946.

Dr. Oman is an authority on the use of gold foil fillings. Along with a P & S colleague, Dr. Edmund Applebaum, he did the pioneering clinical work in the Dental School on the Cavitron (shown with Dr. Oman, in picture)—an ultrasonic device that drills teeth painlessly and almost noiselessly by means of a rapidly vibrating cutting solution; their report, issued three years ago, was the first on the use of the new process on human beings.

A graduate of the University of Minnesota College of Dentistry, Dr. Oman is a member of the American Dental Association, American College of Dentists and other dental societies.

In addition to retaining his Dental School posts and serving as Consultant to the Hospital, Dr. Oman will continue private practice in the Dental School. As for relaxation, he is a golfer of tournament caliber and a keen photographer.

To The Nurses
on the Ten Floor
and Especially
Miss Cooper I Will
Miss you you was
really very good
to me I want you
to No I will always
remember the
Nurses that took
care of me like
Miss Cooper and

lot other and a
Doctor Name -
Morishima he
was The Best
Doctor in the
whole world
That What
I Thing
So go by

from
Madeline
Lazarowitz

THIS LETTER from eight-year-old Madeline Lazarowitz, a recent patient with a kidney ailment, delighted the staff of the children's urological ward on the 10th floor, BH. Through Miss Callahan, Unit Manager, the staff sent Madeline a warm reply thanking her for her "sweet letter."

Continued from page one

Frantz; and corneal transplants by Dr. Ramon Castroviejo (one was a homograph "from a black rabbit to a white rabbit," Miss Mapes noted, with overtones from Alice in Wonderland, in one of her carefully kept records). Besides the Department of Surgery, she also worked actively with staff members of the Orthopedic, Urologic and Neurosurgery departments.

Miss Mapes' deep love for animals was one of her outstanding qualities. Her care of her patients was as skillful as it was conscientious. She knew how to coax them into friendship and hence better manageability before an operation; her post-operative care brought her regularly from her home across the street to the animal hospital at night, Sundays and holidays. Constantly she worked a 12-hour, 7-day week.

As an adjunct teacher of wound dressings and other post-operative care to large classes of second-year medical students, her influence was often greater than that of the busy surgeons trying to teach and practice at the same time. "Generations of P & S students have forgotten many of their teachers," writes Dr. Frantz, one of her close associates, "but few will ever forget the hours spent under Miss Mapes' supervision in the animal hospital."

Many Farewell Tributes

A graduate of the Robert Packer Hospital School of Nursing in Sayre, Pa., Miss Mapes served as Operating Room Supervisor at Toledo Hospital, Ohio, for 2½ years and in the Navy for nine years before coming to P & S in 1927. Two years later she took up her post in the Experimental Operating Room—the start of a career that won her the affection and admiration of the entire surgical family.

The many farewell tributes to "Mapesy" included a party given for her by the Department of Surgery in Bard Hall shortly before she left. It was attended by Dr. Humphreys, Professor of Surgery, and many others among the senior Attending Staff, past and present. As a personal parting gift, they gave her a munificent check. But nothing was more appropriate to her departure—and a well-earned rest among her family at Williamsport, Pa.—than what she wrote herself as she turned in her records: "Finis coronat opus! My proud and joyous task is done."

• **WEDDINGS:** *Vaughn Lainhart*, head nurse, B.H. married Hugh Nevin, a student at Union Theological Seminary, on June 22 at St. Paul's Chapel, Columbia University.

Jenny Nylander, nursing aide, P.H. married Olaf Thronsen at the Reform Church, Dumont, N. J., July 5.

Carol Edwards, Blood Bank laboratory technician, married Paul Daniels on June 22 at the Church of the Intercession, New York.

William Shaw, 3rd year medical student and President of the 1959 class, P & S, will marry *Sheila MacVeany*, staff nurse, PH, on August 24. They will honeymoon in Brazil.

Kenneth Forde, 4th year medical student, P & S, will marry Kay Ollivierre on August 29, at the Little Church Around the Corner.

• **HEADLINES:** It's rare that two nurses, even pretty ones, make a worldwide story. But that's just what happened to our two recently arrived Swedish nurses—*Judit Paulson*, below, left, and *Ann-Marie Gomer*. Both the nation's leading news agencies, United Press and Associated Press, picked up a June 11 story from the New York World-Telegram of how the two girls had started work in the PH Urology Service that week as a result of some fast and enterprising work by Miss Eleanor Lee, Director of Nursing

• **DOCTORS HITHER AND YON:** *Dr. Rustin McIntosh*, Director of the Service of Pediatrics, attended the fourth International Poliomyelitis Congress at Geneva, Switzerland, July 8-12. So also did *Dr. Maximilian Silbermann*, Associate Attending Neurologist, as a delegate of the American Neurological Association.

Drs. Virginia Appgar, of Anesthesiology, and *Gilbert J. Vosburgh*, Obstetrics and Gynecology, were among those who gave papers or led discussions on the theme, "Complete Maternity Care," at the seventh American Congress on Maternal Care in Chicago last month. Speakers also included, from the Service of Nursing: *Miss Mary I. Crawford*, Assistant Director, Obstetrics and Gynecology, and the *Misses Anna Noll* and *Marian Strachan*, Instructors.

• **AWARDS:** *Drs. Donald A. Holub* and *Thomas E. Morgan*, Assistant Residents, and *Dr. Gustave A. Laurenzi*, Visiting Fellow, all of the Service of Medicine, were among winners of the first 1957 March of Dimes post-doctoral fellowships for research and teaching.

Dr. Meyer M. Melicow, of Urology, was awarded the Popularity Cup for his oil painting, "Asbury Park After the Snow and Rain," at the recent A.M.A. convention in New York.

• **RESIGNED:** *Dr. Arthur C. Totten*, Attending Dental Surgeon and Professor of Dentistry, resigned from the Medical Center on June 20. A pioneer in orthodontics, Dr. Totten, during 28 years at the Dental School, organized courses that present every phase of orthodontic practice. He joined the Department of Orthodontics as Clinical Assistant in 1929; by 1946 he was Professor and Chairman of the Department. During the past seven years he was also Chairman of the Committee on Post-graduate Admissions. He was appointed Attending Dental Surgeon in 1948. Dr. Totten will continue private practice at his downtown office.

• **CONTRIBUTION:** Presbyterian Hospital's contribution to the Greater New York Fund for 1957, contributed by over 82 per cent of the Hospital's personnel, was \$6,282, up 3.8 per cent from 1956 and nearly 14 per cent from 1955. Congratulations to contributors and departmental representatives who gathered the gifts!

Miss Edith Ankers, Head Nurse of HP Nursery, and Miss Eleanor King, General Duty Nurse, NI, are the winners, announced last month, of Arthur Williams Scholarships for Graduate Nurse University Study.

The scholarships are the first to be made available to graduate nurses here under the will of the late Arthur Williams, philanthropist, of Roslyn, N. Y. Worth \$500 each, they are for the fall, 1957, semester.

Both Miss Ankers and Miss King will be granted leave of absence next month to attend Teachers College, Columbia University, for a semester's full-time study. This will enable both to complete their studies for a B.S. in Nursing Education.

Dr. Frank Berry Retires

Dr. Frank B. Berry, Assistant Secretary of Defense for health and



medical affairs, retired on June 30 from the Faculty of Medicine of Columbia University and the staff of Bellevue Hospital after long service with both; he will continue his association

with P & S as Professor Emeritus of Clinical Surgery and with Bellevue as Consultant to the First Surgical Division. He had been on leave of absence from both since his appointment to his government post in 1954.

One of the country's outstanding thoracic surgeons, Dr. Berry is a regent of the American College of Surgeons, member of the American Association for Thoracic Surgery and the American Board of Surgery, and a founder-member of the Board of Thoracic Surgery.

A graduate of Harvard Medical School, Dr. Berry interned at Peter Bent Brigham Hospital, Boston City Hospital and at Presbyterian Hospital. His long association with P & S and Bellevue began in 1924; since 1946 he had been Professor of Clinical Surgery at P & S and Director of Surgery at Bellevue.

A veteran of both World Wars and holder of six campaign stars, Dr. Berry was Chief of Surgery of the 9th Evacuation Hospital (Roosevelt Hospital) in the North African and European theaters in 1942-44, later serving with the U. S. Seventh Army (1944-45), the U. S. Group Council in Berlin (1945-46) and as consultant to the Surgeon General (1946).



N. Y. WORLD-TELEGRAM & SUN

(Miss Lee saw a press picture of the girls on their arrival in New York in May, located them by urgent phone calls and engaged them to start work as soon as they had completed a month's visit with friends in Pennsylvania). The UP radioed the girls' photograph to Sweden, flashed the story all over Western Europe and the Middle East, and made it a feature for its weekly women's page; the AP blanketed the U. S. with the story and put it on its World Service, girdling the globe. Naturally enough, the story made its biggest splash in Sweden!

In Memoriam

Samuel H. Fisher, a member of the Corporation of Presbyterian Hospital and a former member—from 1923 to 1942—of the Board of Managers (forerunner of the Board of Trustees), died in Litchfield, Conn., on June 7 at the age of 90.

A graduate of Yale and the Yale Law School, Mr. Fisher was personal counsel to Mrs. Stephen V. Harkness and her son, Edward S. Harkness, from 1916 until 1931, when he retired. For many years Mr. Fisher was prominent in Connecticut civic affairs. He was a director of numerous organizations and had devoted much time to charitable and religious work.

COLLEGE AIDES: These bright and eager youngsters are helping meet Presbyterian's summer nursing needs. Starting their three-months tours of duty as College Aides in mid-June, they were given a week's concentrated course in simple nursing techniques before being assigned to various units. They are shown here receiving instruction in the care of surgical patients from Miss Rose Mary Hoynak, Senior Medical-Surgical Supervisor, Nursing Service. Of this year's 30 Aides from 13 Eastern colleges, 26 are women and four are men; they're mostly sophomores and juniors; of the women, four are from foreign lands—France, Greece, British Guiana and Formosa. Nearly all are planning to be nurses or doctors or to work in related fields such as those of occupational therapy and social work.



MANNY WARMAN

Microscope and 300 Laboratory Specimens of Body's Smallest Bones Guide Surgery of the Ear

Three tiny bones are an important part of your hearing mechanism. Their vibrations carry sound waves across your middle ear—from the eardrum to the seashell-like cochlea, from whose heart spiral the ultimate fibers of the auditory nerve.

Sometimes a bony growth involves one of the small bones of the middle ear and causes a hearing loss. This disease, called otosclerosis, occurs, as a rule, in quite young adults and is believed to be hereditary.

The bone usually affected, and often completely immobilized, is the stirrup, or stapes, which is as small as the tip of a baby's fingernail. Named for its stirrup shape, it is the body's smallest bone and is very fragile. Operating on the stirrup bone requires the most delicate of surgical touches and unbelievably small instruments, and—for the procedures developed at Presbyterian—a sterile dissecting microscope with built-in illumination.

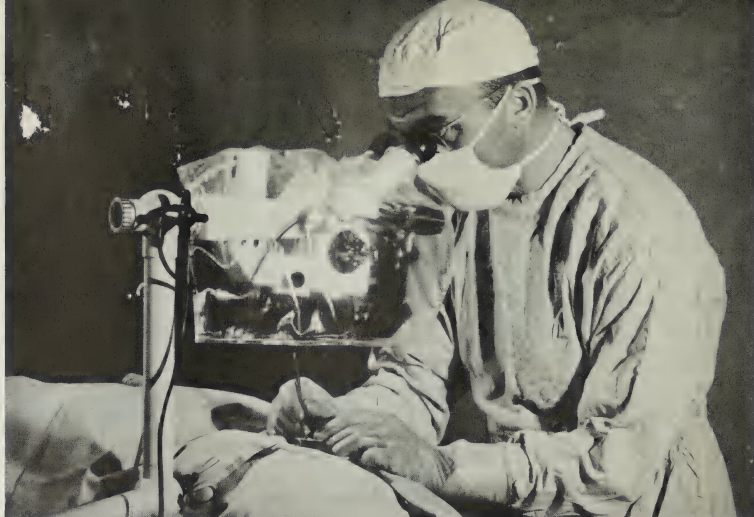
"Micro-orthopedic surgery," done under the lens of such a microscope, is a demanding procedure for the surgeon. But for the patient, an operation on the stirrup bone, done under local anesthesia, is no worse than having a wisdom tooth removed—and sometimes considerably easier. In two days, the patient is back at work, often with much better hearing.

Although a few daring surgeons attempted to restore hearing by operating on the stirrup bone in the late 19th century, complications from ear infection discouraged these early attempts. By 1952 when Dr. Samuel Rosen of Mt. Sinai reintroduced the stapes mobilization procedure, antibiotics were on hand to protect against infection. Dr. Rosen, guided by magnifying lenses and a remarkable sense of touch, was able to free the stapes from bony encrustations in many cases by pushing against its neck.

When a Presbyterian surgical team went to work to develop the procedure for use in this Hospital, many believed that the effects of this maneuver could not possibly last. But the Presbyterian team was confident that they would. The team consisted of Dr. Edmund P. Fowler, Jr., Director of the Service of Otolaryngology, Dr. Franz Altmann and Dr. Milos Bask. The surgeons started by obtaining fresh specimens of the temporal bone, which encloses all of the vital ear structures, from cadavers. In these they produced an artificial fixation of the stapes. To do this, they first tried a watchmaker's screw, then sealing wax but finally settled on dental cement.

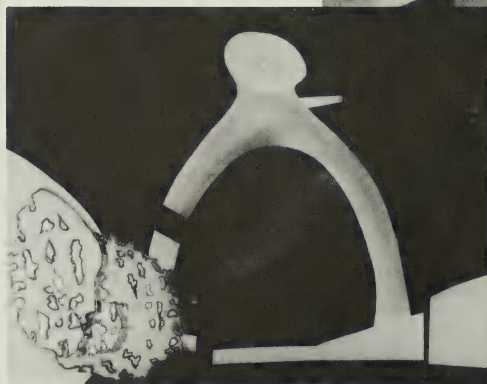
They were then ready to operate on their artificial otosclerosis specimens under the laboratory microscope. Much of the work was observed with slow-motion microcinematography. The results of their painstaking experimental study on over 300 temporal bones: a new clarity about exactly where and how the stirrup or stapes should be cut for maximum mobilization and to prevent bony regrowth.

In part, the experiment was guided by some research by Drs. Altmann and Jules G. Waltner completed ten years ago, which showed that fractures of the stapes, in contradistinction to fractures of other bones of the body, have very little or no tendency to heal by bony union. For the two delicate cuts determined by this 300-specimen laboratory analysis see the diagram, right. The operation can be undertaken if the disease has not invaded the stapes in such a way as to preclude surgical remobilization. Actually, it has been found to be possible in over a third of patients with otosclerosis.



SURGERY UNDER THE MICROSCOPE is today correcting several kinds of hearing loss. Releasing the stirrup bone of the middle ear from a bony growth remedies some cases of otosclerosis. Note the sterile cover enclosing the microscope: this permits the surgeon to move it up and down during surgery, done at 16 to 25 enlargement. An audiometer (not shown) is used to check hearing during surgery. The surgeon shown in this photograph is Dr. Milos Bask.

SABRE makes cut in footplate of stapes, shown enlarged some 20 times in the photo at right. Microphoto was taken of one of the 300 laboratory specimens used in development of stapes mobilization technique. Cuts used in the present procedure are shown in the diagram below (which also shows the stirrup shape of this smallest bone of the human body). Note that cuts are through the footplate and crura or arm of the stapes. Cuts through the focus of bony growth, left corner of diagram, are not likely to be successful in permanently relieving hearing loss, because the growth tends to regenerate. Instruments used in the delicate procedure—called the sabre and chisel—have the diameter of a darning needle, and were developed by Dr. Bask.



DR. FRANZ ALTMANN, left, member of team that developed stapes mobilization technique, has also been a pioneer in plastic rebuilding of certain parts of hearing mechanism of middle ear—called tympanoplasty. Plastic repair promises to correct some hearing losses that occur as aftermath of ear infection. Dr. Vladimir Epanchin, right, who took the photos above, also filmed a movie of the stapes mobilization procedure, widely used for teaching purposes.





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

SEPTEMBER, 1957

VOLUME XII, NUMBER 7

New Vanderbilt Clinic Facility for Evaluating Psychiatric Drugs Is Backed by Research Labs

The present decade in medicine may some day be marked as the time when the first big clues to the chemistry of mental illness were discovered. Major tools in the search for knowledge of how the brain functions in health and in sickness are the drugs popularly called "tranquillizers."

Almost everyone knows the story of how a weed from Indian rain forests and a chemical relative of methylene blue put together by French workers launched a pharmaceutical boom (last year's U.S. output of all "tranquillizing" drugs amounted to \$125 million). But few know the story of how medical researchers have gone to work on reserpine, chlorpromazine, and other drugs that followed—to explore their usefulness in the care of patients and to discover how they act on the human nervous system.

A recent addition to this Medical Center's resources for studying the psychiatric drugs is a new facility in the Vanderbilt Psychiatric Clinic, where certain pharmaceuticals are being evaluated for their effectiveness in care of selected out-patients.

The new clinical study is expected to be of particular value because, as Dr. Lawrence C. Kolb points out, "the use of psychiatric drugs in the care of ambulatory patients is on a much less firm footing than their use

Continued on page four



THE MELLON HOSPITAL in Haiti, a sprawling one-story concrete building, sits in the Artibonite River valley amid half a million poverty-stricken people who previously had only primitive medical care. Above — patients await their turn for treatment in the clinic.

Miss Anne McGowan, R.N., Joins Haitian Hospital

Miss Anne McGowan, staff nurse, PH, and a member of the Nursing School's 1956 class, resigned in July to join the staff of L'Hôpital Albert Schweitzer in Haiti. She flew to Haiti overnight on July 17-18 and started work immediately on arriving at the hospital at Deschapelles, about 80 miles northwest of the capital, Port-au-Prince. The hospital, in a teeming tropical valley, was opened last summer by Dr. William Larimer Mellon and his wife (the former Gwen Grant). They chose its name in honor of Dr. Albert Schweitzer and his famous hospital at Lambarené in French Equatorial Africa.

Miss McGowan comes from a medical family with unusually close family associations with Presbyterian Hospital. Her father, Dr. Frank J. McGowan, graduated from P & S and interned at Pres-

byterian; a prominent surgeon, he is now associated with the New York Hospital-Cornell Medical Center and with St. Vincent's Hospital. Her mother, Mrs. Frank J. Mc-

Blood Bank. Miss McGowan's maternal aunt, Mrs. Helen Brown, is a special nurse in HP.

Twice before, Miss McGowan had sought to work abroad before she finally succeeded. First, she wrote to the Firestone Hospital in Monrovia, Liberia, but learned there was no vacancy. She received a similar answer from Dr. Mellon's hospital in Haiti. Then, last May, Mrs. Mellon came to HP as a patient and Miss McGowan sought her out. It happened that the hospital was planning an expansion and had a nursing vacancy. Miss McGowan got the job.

In entering the Mellon Hospital, Miss McGowan has become part of a remarkable project. Only ten years ago Larry Mellon, a great-

Continued on page two



Anne McGowan

Gowan, graduated from the Presbyterian Hospital's Nursing School and, after 29 years, returned here in 1952; she now combines house-keeping with a full-time job at the



Dr. Mellon at work in the clinic



Mrs. Mellon with a child patient

Yale '97, A Great Class for the Medical Center

Under Class Notes, in the Yale Alumni Magazine for July, the following comment appears about men of the '97 Class who have been prominent in the affairs of the Columbia-Presbyterian Medical Center:

"The election of *Bob Carle* as a fellow of the Pierpont Morgan



Robert W. Carle

Library in New York is another feather in his cap for the public service rendered by him in his 'home town' where he is now [one of the senior trustees] of the Presbyterian

Hospital. . . The record made by [the men of '97] is one of which Yale and '97 may well be proud, for when *Bill Darrach* was Dean of the College of Physicians and Surgeons he had much to do with the decision of *Ed Harkness* to establish a teaching hospital, to which Ed made generous gifts and of which *Dean Sage* was president for many years, while *Thatcher Brown* was active in obtaining additional funds for its endowment. *Fred Tilney* too, who was one of our country's most distinguished neurologists, was long professor of neurology and neuro-anatomy, and in 1935 became the first medical director of the Neurological Institute at the Center." Elsewhere the magazine mentions that both Mr. Carle and *John I. Downey*, another '97 man, attended the 60th reunion of the Class last June.

EDITOR'S NOTE: Robert W. Carle has been a Corporation member and Trustee of Presbyterian Hospital since 1913 and now serves on the Public Interest Committee; John I. Downey, a Trustee of Babies Hospital from 1922 to 1933, has been a Corporation member and Trustee of Presbyterian since 1933, when Babies Hospital merged with Presbyterian, and is Chairman of the Real Estate Committee and a member of the Executive Committee; William Darrach (1876-1948), noted orthopedic surgeon, was Dean of P & S from 1919 to 1930, later headed the Hospital's Fracture Service for many years and was a strong advocate of the affiliation of the N. Y. Orthopaedic Hospital with the Center; Edward S. Harkness (1874-1940) took a leading role in creating the Medical Center and was its greatest benefactor, his gifts including the present site; Dean Sage (1875-1943) was President of Presbyterian from 1922 until his death and played a prominent role in the affiliation of P & S and Presbyterian (his son, Dean Sage, is now an Honorary Trustee and Corporation member); Thatcher Brown (1897-1954) was a Trustee from 1907 to 1946 and Honorary Trustee from 1946 until his death (his son, Thatcher Brown, Jr., is Secretary of the Board of Trustees and serves on the Executive and Nominating Committees); Fred Tilney (1875-1938) was Director of the Neurological Institute from 1935 to 1938.

REPORTERS

Accounting—Helen Hockenberger. *Building and Grounds*—Margaret Muccilli, Edith Hinkle, Robert Williams. *Babies Hospital*—Loretta Molzahn. *Chaplain*—Robert B. Reeves, Jr. *Elevators*—John J. Callahan. *Eye Institute*—Helen Meade. *Graduate Nursing Staff*—Patricia O'Hora. *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Mrs. D. W. Hood. *Mail & Messenger*—John J. Campbell. *Nurses' Aides*—Mary Ryan. *Orderlies*—Fred La Porte. *Physical & Occupational Therapy*—Helen White. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Elka Fink (N.I.), Adelaide Vrooman (B.H.). *Vanderbilt Clinic*—Calvin Hatcher.

Miss McGowan *Continued from page one*

nephew of the late Secretary of the Treasury, Andrew Mellon, was just a wealthy ranch owner in Arizona. Then he read about Dr. Schweitzer's wonderful work amid poverty-stricken and sick people in the depths of Africa. He was so inspired by it that he decided to open a similar hospital of his own. He began corresponding with Dr. Schweitzer and later visited him, with Mrs. Mellon, in Africa; he sold his ranches and in 1949—at the age of 39—entered Tulane University's Medical School. Five years later, as a full-fledged doctor, he was ready to launch his project (Mrs. Mellon meanwhile had studied to be a medical technician). In December 1954 the cornerstone of the Haitian hospital was laid. And by last summer

the \$1,500,000 institution was ready to open with a full range of modern equipment.

Miss McGowan is now working as a general duty nurse in the 68-bed hospital and sharing a room with a Canadian nurse in a pleasant cottage. She is one of an international staff including four American and two Chinese doctors, and a Haitian doctor; over half the 25 trained nurses are Haitian, the rest from America, Canada and Europe. The hospital takes all kinds of patients except maternity cases who go to a nearby government clinic.

Miss McGowan writes home that she is working hard among patients ranging in age from 10 days to 60 years, and that she hopes to improve her knowledge of the local language—French—by taking lessons.

SUMMER VACATIONS: PH travelers meet seagulls, deer and the Iron Curtain



IRON CURTAIN looms beyond Berlin's Brandenburg Gate, besieged by nurses, from left, Barbara Hughes, Kitty Legat, Jane Christensen, and Faith Whiting. Helping hand on relative's farm in Alabama is Mrs. Marie Young, Nurses' Aide, below.



MAINE SEAGULL with Miss Marion Cleveland, director, Nursing Service; Catskill deer with Frank Stingo, Maintenance. Mrs. Audrey De Rico, Accounting, bottom photo, gets lift from husband Vinny.



DRAWING A BOW in the Poconos is Miss Mary Varis, secretary to V-P Tuller, while Miss Laura Vossler, director, Volunteers, right in bottom photo, sees Italy's fabled Lake Maggiore.



• **WEDDINGS:** *Drs. Rosalie A. Burns and Herbert L. Goldberg*, Assistant Residents in Neurology and Radiology, respectively, plan a September 8 wedding at the Plaza Hotel (both came to the Medical Center in July, having met while internees in the Cornell Medical Division of Bellevue). They will honeymoon in the Virgin Islands.

Ann-Lawrie Sloan, daughter of Dr. and Mrs. Lawrence Sloan, became Mrs. Pedro Angel Aisa on July 25. Mr. Aisa studied at the University of Madrid Medical School. Dr. Sloan is Attending Surgeon at Presbyterian and Professor of Clinical Surgery at P & S.

Jean Merrick married Richard Nelson Sears at Tenafly Presbyterian Church on August 10. Mrs. Sears is secretary to Art Heck, Assistant Treasurer's Department.

Joan Dawson, PH staff nurse, will marry Cowles Whitehouse Herr on September 21. Mr. Herr is a Columbia law student.

Carol Ann Hinkle, daughter of Mrs. Edith Hinkle, Engineering Department, and Dale P. Steller, army sergeant, set an August 31 wedding date. The couple plan to settle in St. Louis, Missouri.

Helen Brennan, secretary in the Administrative Offices of Vanderbilt Clinic, will marry Matthew Dowd on October 5 in the Incarnation Church, New York. Mr. Dowd is connected with Marine Transport Lines. A southern honeymoon is planned.

• **ENGAGEMENT:** *Elise C. Wechsler*, fourth-year medical student at P & S, and *Dr. Arthur I. Snyder*. A P & S graduate, Dr. Snyder is Assistant Physician in the Medical Service and Assistant in the Medicine Department of P & S. A November wedding is planned.

• **CONGRATULATIONS!** To Mr. and Mrs. John Behnke on the birth of a baby boy, 4 1/2. Mr. Behnke is an officer in Protective Department.

• **NOTES ABOUT DOCTORS:** *Dr. Robert C. Darling*, Director of the Physical Medicine and Rehabilitation Service, and *Dr. Shyh Jong Yue*, of the same Service, will attend the annual meeting of the American Congress of Physical Medicine and Rehabilitation at Los Angeles September 8-13.

Dr. John Caffey, Attending Radiologist in Presbyterian Hospital and Professor of Radiology in P & S, was elected Honorary Member of the Royal Society of Medicine at its recent London meeting "in recognition of his distinguished services to science." Dr. Caffey was also elected Honorary Member of the American Orthopaedic Association last June.

• **DEPARTURES:** *Elizabeth Elwood*, practical nurse, retired last month from the Orthopaedic Service. Miss Elwood joined the staff of the New York Orthopaedic Hospital in 1944 and later moved uptown with them to the Medical Center. After a vacation, she will enter private-duty nursing through the Presbyterian Hospital registry.

William Nelan, Protective, whose father, John Nelan, is supervisor of the Laundry Department, enters the novitiate of the Carmelite Brothers at Williamstown, Massachusetts, this month. While on duty here William

served as altar boy every Sunday in the Chapel.

• **SOCIAL SERVICE NOTES:** *Thelma Jokumsen* sailed July 19 on the new Gripsholm for Denmark. Awarded a Fulbright Fellowship for a year's study there, she has been assigned to the social service department of Bispebjerg Hospital in Copenhagen. A Californian, Miss Jokumsen was on the staff here for 5 1/2 years, assigned first to the surgical service and later to Sloane. . . . New staff members include *Dagmar Ransdorf*, *Bo Gyung Jung*, *Barbara Mintz*, *Alexandrine Post* and *June Springer*.

• **VACATION HIGHLIGHTS:** *Mrs. Betty Dixon*, of Accounting, en route home after visiting her son at Keesler Air Force Base, Biloxi, Mississippi, was deeply impressed with the pageant at Fort Monroe, Virginia, commemorating the landing of the first settlers at Old Point Comfort. . . . *Mary Isenbeck*, Collection Department, braved wind and rain to watch the Mayflower II sailing through Long Island Sound near Stratford, Connecticut. . . . *Valeria Halse* and *Priscilla Smith*, Social Service, NI, and *Catherine Hirst*, Social Service, PH, thrilled over the Grand Canyon on an auto and plane trip extending to California, Oregon and Washington. . . . *Elizabeth Mirijanian* and *Vilma Jantos*, Urology, visited the Virgin Islands and at the capital, St. Thomas, ran into a former staffer, Mrs. Pearl Edwards, who was in Accounting at NI both before and after the Institute joined the Medical Center; Mrs. Edwards and her husband now run a hotel with a wonderful view overlooking the sea. (See also our Vacation Pictures.)

Reference in a recent Stethoscope item to the quotation (above) carved in stone over the entrance to The Presbyterian Hospital brought us an interesting letter from Dr. Frank Payne, of the Institute of Ophthalmology, about the origin of the words. Our item recalled that the quotation was suggested for use by the Hospital by the late Miss Isadora Mudge, Columbia University reference librarian (she submitted it, along with other quotations, to the late Dr. Nicholas Murray Butler, President of Columbia University, who selected it as the most suitable).

Dr. Payne writes:

"Great credit is due to Miss Mudge for this proposal; it would be difficult to find a more appropriate motto. It may interest Stethoscope readers to know that the quotation comes from the Book of Ecclesiasticus, one of the 14 books of the Apocrypha that were once standard material in all versions of the Holy Bible. Chapter 38 of this Book devotes 15 verses to the physician. The first two, King James version, read as follows:

1. Honour a physician with the honour due unto him for the uses which ye may have of him: for the Lord hath created him.
2. For of the most High cometh healing, and he shall receive honour of the king.

"Originally the Apocryphal books were placed between the end of the Old Testament and the beginning of the New Testament in the King James version of the Bible. A publisher at that time would have suffered severe penalties if he omitted the Apocrypha. But gradually they were dropped from the canon of most Protestant denominations. However they remain today part of the Episcopal Bible. They also appear in the Roman Catholic Bible."

Ecclesiasticus is not to be confused with Ecclesiastes, which is a book of the Old Testament.

Miss H. B. Haines Retires

Miss Helen Bates Haines retired last month after over 32 years' service on the Social Service staff. She joined the old Presbyterian Hospital in 1925 as a Children's Service worker, continued in this capacity when PH moved uptown, and later worked closely with Babies Hospital staff. For many years she has been responsible for the Urology service.

In a tribute to Miss Haines, a fellow worker writes: "No member of this department has been more of a friend and counselor to staff and patients alike than Miss Haines. . . . She will be sadly missed."

New P & S Class

The 120 first-year students entering the College of Physicians and Surgeons of Columbia University this month come from 39 colleges in 21 states, the District of Columbia and one foreign land (Korea). They were chosen from 1,678 applicants.

The largest single group of accepted students, 26, comes from Princeton University, next in order being those from Columbia (21), Harvard (11) and Yale (10).

HERE ARE TWO VIEWS of the Squier Urological Clinic's new Cystoscopy Suite, completed last month, on the 10th floor, BH. Large picture shows one of two Cystoscopy rooms, finished in blue-green tile and stainless steel, and equipped with what is believed to be the first sterile water supply system of its type extending directly to the operating table. Water is sterilized by steam at 250° in the supply tank and in the six-foot overhead extension arm (arrow) at the same time; after cooling, it is released by a spigot into Valentine flasks suspended above the operating table, and then flows into rubber tubing used in cystoscopic irrigation (under the old system, the flasks had to be filled from pitchers that were carried to the operating table from a supply tank). A pulley enables flasks to be moved up and down depending on gravity pressure needed by the surgeon. One sterilization of water in tank and arm usually lasts the room an entire day. Inset, right, is view of the sterilization control room showing one of the two 25-gallon supply tanks (one for each room) and the control panel.

Developed at the request of Dr. John K. Latimer, Director of the Urology Service, and Mrs. Margaret Reilly, head nurse, Cystoscopy (shown in the picture), the overhead extension arm system was designed and built right here in Presbyterian Hospital by Mr. George Lumley, architectural draftsman, Mr. Hans Frohlich, plumbing foreman, and Mr. Elmer Tiit, machinist, all of Maintenance and Construction.

Another new feature of the Cystoscopy rooms is an automatic flushing system that carries away waste through floor drains. Renovation of the Cystoscopy suite is part of an extensive face-lifting of Urology's entire 10th-floor facilities carried out by the Buildings and Grounds Department, assisted by Rogers and Butler, architects, and Gens-Jarboe, Inc., contractors, at a cost of about \$125,000. The work includes new fluorescent lighting in the corridors and many of the rooms, also repainting of rooms and corridors. Corridor painting features contrasting pale pastel shades on either side in the modern manner.

MANNY WARMAN





SENSITIVE NEW INSTRUMENT is used to detect chlorpromazine and its metabolic breakdown products in samples taken from patients' blood.

The instrument — a spectrophotofluorometer — has been on the market only a year and costs just a little less than a Cadillac. The Medical Center has two: this one at the Psychiatric Institute is operated by Dr. David Graubert, right above, another one belongs to the Department of Medicine and is currently being used in rheumatic fever studies.

Instrument detects and measures very small concentrations of organic chemicals. It is an ingenious exploitation of the fact that almost all organic chemicals give off fluorescent light when activated by radiant energy at a given wavelength. The instrument uses an arc lamp to activate the chemicals in a test tube sample; these emit fluorescent light at a wavelength specific for each chemical. The fluorescent light is transformed into a weak electrical signal; this is amplified and read on an oscillograph. Costly instruments of this sort are part of the scientific backbone of modern medicine.

HOW TRANQUILIZERS ACT ON THE CHEMICAL LIFE OF CELLS is being studied by Dr. Magdalena Berger, left above, Department of Experimental Psychiatry, N. Y. Psychiatric Institute and Research Associate, Department of Biochemistry, P & S. In a study with Dr. Heinrich Waelsch (see below), Dr. Berger showed that chlorpromazine acts on a sort of cellular powerhouse in which there is great current scientific interest — the mitochondria. These microscopic "organs" of the living cell do the job of binding and releasing energy.

Centrifuging rat brain and liver tissue at high speed, carrying out the other precise steps of measuring the chemistry of fragments of a cell, Dr. Berger found that chlorpromazine slows down energy-binding in liver cells but not in the cortex of rat brain. This finding suggested that there may be a structural difference between mitochondria of liver and brain — opening a new trail for researchers trying to understand these cell organelles.

Psychiatric Drugs Studied in Research Labs

Continued from page one
in psychiatric hospitals."

Presbyterian's diagnostic laboratories back this new clinic as they do all of the over-100 specialized clinics here. This means that blood and other tests track the effects of the new drugs on body chemistry while the trained eyes of medical specialists watch their effects on body function.

All the drugs being used in the special psychiatric clinic unit have been screened by use with hospitalized patients at the N. Y. Psychiatric Institute. As part of the Medical Center's total resources, the Psychiatric Institute, a state hospital, cooperates with the new clinic unit in many ways. Dr. Lawrence Kolb, director of the N. Y. Psychiatric Institute, is also director of Service of Psychiatry, Presbyterian Hospital, and of the Department of Psychiatry, College of Physicians and Surgeons.

No Loss of Mental Alertness

What accounts for the dramatic changes the tranquilizers have already made in the nation's psychiatric hospitals? To an amazing extent, the psychiatric drugs have supplanted electro-shock therapy and psycho-surgery in the treatment of psychotic patients. Assaultive "back wards" patients no longer rend their clothing, and live with comfortable furniture, plants, and draped windows. More important, many acutely disturbed patients are for the first time able to talk to a psychiatrist about their feelings.

All this has happened, Medical Center psychiatrists say, because the

new drugs calm hyper-active and disturbed patients without depressing their mental alertness. Thus the tranquilizers differ sharply from barbiturates, sedatives that produce sleep or other clouding of consciousness.

Do the new drugs "cure" mental illness? "No," says Dr. Sidney Malitz, in charge of the new clinic unit and Acting Principal Research Scientist of the N. Y. Psychiatric Institute. "The drugs do not cure the underlying mental disorder. They may, however, diminish certain symptoms such as anxiety and make it possible for patients to make better use of their inner resources."

"A major use of the tranquilizers is to bring patients to a condition where psychotherapy dealing with unconscious emotional conflicts can begin.

Paranoid Delusions May be Reduced

"Another important use is as a maintenance therapy for patients who can't be reached by verbal psychotherapy. Consider the paranoid schizophrenic, a patient whose delusional system may make him potentially dangerous to others. Such patients often refuse to see psychiatrists. Sometimes tranquilizers are effective in reducing their anxiety. With basic anxiety reduced, delusion of attack may be greatly lessened, and the patient rendered fit to work and to retain his place in society with minimal danger to others.

"Perhaps one of the most interesting leads that has so far developed in the new clinic unit is the indication that the tranquilizers may be able to forestall the 'acting out' of some drives that meet with sharp social

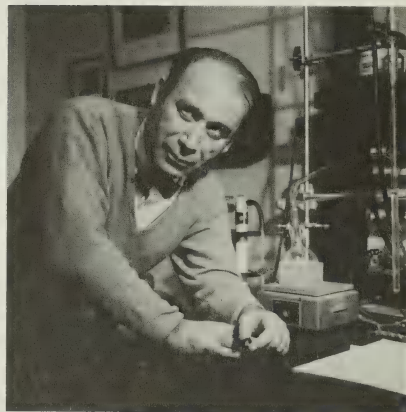
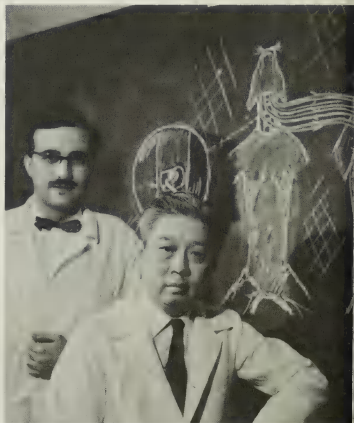


NEW HELP for emotionally troubled is provided by new unit in Vanderbilt Psychiatric Clinic, which uses pharmaceuticals in care of selected psychiatric patients. Dr. Sidney Malitz, above, in charge of the new unit, says the new agents are "often helpful in forestalling breakdowns and subsequent hospitalization for certain patients." Also working in the clinic unit are Drs. David N. Graubert, Murray Glusman, John F. O'Connor, and Bernard Wilkens, Peter Malia, and William Roehrig.

CROSS-CIRCULATION EXPERIMENT

being carried on by Dr. Shih-Chun Wang, Department of Pharmacology, College of Physicians and Surgeons, may throw some light on how chlorpromazine-type drugs act on the brain. Separating drug's many effects on nerves throughout the body from its effects on the brain has been a problem. Ingenious experiment (shown in diagram on blackboard, above) uses two dogs. Blood from Dog B, dosed with chlorpromazine, is carried by tubes to flow directly through brain of Dog A. Difficult technique closes all flow of Dog A's own blood supply through its brain, thus any effects observed will be direct effects on brain of drug carried by blood taken from Dog B.

Dr. Wang, right, is shown in photo with a Research Fellow from the University of Beirut, Dr. S. J. Jabbur.



FAMED BIOCHEMIST DR. HEINRICH WAELSCH helped in studies of chlorpromazine's effect on cellular mechanisms. Internationally known for his studies of protein metabolism in the brain, Dr. Waelsch has shown that certain protein parts of brain tissue are in a highly dynamic state of chemical breakdown and renewal.

reprisal, drives that usually send their victims to a prison rather than a psychiatrist. This possibility must be confirmed by much more work."

How do the tranquilizers act on the nervous system to produce their calming effects? This is the question that so far has not been answered. One of the few facts known is that the tranquilizers—unlike the barbiturates—do not act directly on the cerebral cortex (whose massive hemispheres distinguish man's three-pound brain from that of lower animals and account for his ability to

remember and to reason).

Medical Center researchers in a number of departments are working on studies that may eventually yield important pieces in the mosaic of fact that will someday show how the tranquilizing drugs act. Meantime, the studies are turning up new facts that are fed back into clinical practice, giving the doctors responsible for patient care a constantly widening knowledge not only of specific drugs, but of how the human nervous system works. For a few examples, see the pictures above.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XII, NUMBER 8

OCTOBER, 1957

Hospital Force Gets Flu Shots, Stands Ready for Emergency Care if Needed

By late September more than 1,500 members of The Presbyterian Hospital's working force had been vaccinated against the Asian flu, while others could expect shots when additional vaccine arrives.

The injections were given as part of the nationwide plan to give first protection to those responsible for the care of the sick. Thus doctors, nurses and other hospital workers will be on their feet and able to give care to those suffering from the current outbreak of the Asian flu.

Decisions on how to allocate the first deliveries of the new vaccine among the Medical Center force were made by the Center's influenza advisory committee, among whose members are some of the nation's

leading authorities on influenza and other virus diseases. The members are: committee chairman Dr. Yale Kneeland, Jr., Service of Medicine; Dr. Harry M. Rose, executive officer, Department of Microbiology; Dr. Hattie Alexander, Service of Pediatrics; Dr. James McCormack, vice-president in charge of professional services; Miss Marion D. Cleveland, Director of Nursing Service; Dr. Hans Neuberg, physician to the graduate and student nurses; Dr. Thomas Tomasi, chief medical resident. Dr. Kneeland and Dr. Rose are also members of the scientific advisory committee on influenza of the New York City Department of Health; for more about their work, see below. Dr. Alexander's research in children's diseases that are often secondary complications of influenza is well-known.

First group selected for vaccination were 403 student nurses. Next were the 241 members of the House staff. These groups got top priority, not only because they give a maximum of patient care in the wards and clinics of the Hospital, but also because

Continued on page three

Miss Grosso Marks Forty Years as Pharmacy Chief

When Anne E. Grosso began looking for her first job in 1917, few women could be counted among the ranks of professional pharmacists. With a fresh degree from Columbia's College of Pharmacy in her pocket, Miss Grosso got the job. Within three months she had earned a title: chief pharmacist, The Presbyterian Hospital.

Last month Miss Grosso could look back over 40 years of uninterrupted service as chief pharmacist of the largest voluntary hospital in the U. S. She could count over six million prescriptions filled, all, as Dr. Joseph E. Snyder, director, Vanderbilt Clinic, said, "without a single mistake."

Old friends gathered on September 24 to mark the day Miss Grosso came to work 40 years ago (see photo, page two)—but they had to gather in the pharmacy. Miss Grosso was too busy tracking scarce flu vaccine (see above) to knock off work.



MANNY WARMAN

FLU SHOTS for Hospital force. Busy scene includes, from left: Miss Lillian Brown, PH Unit Manager (back to camera); Dr. Thomas Tomasi, Chief Resident Service of Medicine; Dr. John Scudder, Director Blood Bank; unidentified Vanderbilt Clinic worker; Dr. Daniel Nathans, Assistant Resident Medicine; and Miss Marian Runte, PH staff nurse.

How Flu Virus Attacks Living Cells Shown by Medical Center Researchers

One of the places in the world where the Asian flu virus has been under intense scrutiny lately is on the twelfth floor of the College of Physicians and Surgeons. Here, among gleaming white refrigerators, rows of eggs, racks of He-La cell cultures, and a variety of other instruments, Dr. Harry M. Rose and a team of virologists have been cultivating the microscopic bit of half-life that is responsible for the only recurring pandemic still threatening the modern world.

The Medical Center's microbiology laboratories are part of the world-wide ring of defenses that are protecting us from anything

Continued on page four

No Repeat of Death-Dealing 1918 Flu Outbreak, Says Famous Medical Center Team Watching for Bacteria that Follow Virus

How much do we have to worry about a major flu epidemic this fall?

"Although prostrating during the acute phase, Asian flu is short-lived and almost wholly uncomplicated," according to Dr. Yale Kneeland, Jr., Service of Medicine, who has long been interested in influenza and other respiratory diseases.

Nor is there likely, Dr. Kneeland says, to be a repeat of 1918—when an initial mild spring wave of influenza was followed by a malignant wave in the fall. Most of the deaths brought by the second wave were due, not to flu itself, but to the secondary complication of pneumonia.

One reason why there won't be another

1918 is today's variety of antibiotics which, Dr. Kneeland says, "should cope with most of the bacteria that follow the flu virus as secondary invaders."

Another indication that Asian flu will stay mild is a scientific guess based on a long research trail, leading back to the 1918 pandemic, and even to the 1898 outbreak, and covering such strange elements as pigs, fall rains, lung worms, earthworms, and a blood-loving bacterium first seen under the microscope in 1898 by the German influenza researcher, Pfeiffer.

The bacterium, *Hemophilus influenzae*, might be a clue as to whether the Asian flu

Continued on page three



ARTHUR SCHATZ, BLACK STAR

Dr. Yale Kneeland

The Employees of THE PRESBYTERIAN HOSPITAL
in the City of New York, Broadway and 168th Street
Compiled by THE DEPARTMENT OF PUBLIC INTEREST
Room 31, P.H. fourth floor, telephone extensions 7076, 7064

REPORTERS

Accounting—Helen Hockenberger. **Building and Grounds**—Margaret Muccilli, Edith Hinkle, Robert Williams. **Babies Hospital**—Loretta Molzahn. **Chaplain**—Robert B. Reeves, Jr. **Elevators**—John J. Callahan. **Eye Institute**—Helen Meade. **Graduate Nursing Staff**—Patricia O'Hara. **Housekeeping**—Rosina Wallace. **Laundry**—Mary Minsky. **Library**—Mrs. D. W. Hood. **Mail & Messenger**—John J. Campbell. **Nurses Aides**—Mary Ryan. **Orderlies**—Fred La Porte. **Physical & Occupational Therapy**—Elizabeth Scully. **Protective**—Edwin H. Behlmer. **Purchasing**—Gerard Walker. **Record**—Marion R. Trilling. **Social Service**—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.), Clare Yoder (P.H.). **Telephone**—Margaret Buckley. **Vanderbilt Clinic**—Calvin Hatcher.

Miss Vossler served last year as President of the Association of Directors of Volunteer Service in Hospitals in N.Y.C.

Miss Marie Louise Franciscus, Assistant Professor and Director of Courses for Occupational Therapists, P&S, will attend the annual conference of the American Occupational Therapy Association in Cleveland next month as a member of the Activating Committee.

George Nizon, chief x-ray technician at the Medical Center, is chairman of the Program Committee at the annual convention of the X-ray Technicians Society of N.Y.S., to be held at the Hotel New Yorker October 11-13.

• **TRAVEL:** Barbara Ann Corbett, secretary to Dr. William Caveness, N.I., has just returned from a six-week tour of eight European countries. Miss Corbett traveled via the S.S. United States.

Marie Manning Cartwright, chief bookkeeper in the Comptroller's Dept., has just returned from a honeymoon in Miami, Florida. Marie was married to Joseph Cartwright in St. Rose of Lima Church, N. Y. in July.

• **HONOR ROLL:** Volunteer Mrs. Olga Zarganis celebrated her 75th birthday last month, and the Allergy Clinic, where she gives volunteer assistance, gave her a party. Since 1951 Mrs. Zarganis has given over 10,000 hours of service to the Hospital.

A teen-ager getting a start toward a nursing career worked five days a week as a volunteer clinic aide here this summer and is now planning to contribute Saturdays as a nursing aide at B.H. Carol Charlat, 16, is a senior at the High School of Music

and Art. Carol is part of a Medical Center family. Her mother, the former Lucia de Castro, is a graduate of our School of Nursing. Her father, Sidney A. Charlat, is a graduate of the School of Dental and Oral Surgery.

Please Note

The Betatron Department asks anyone who finds or has Tracer-lab film badges or Picker x-ray badges that are not current to return them to the department, B.H.-B. ext. 695, as soon as possible.

• **SOCIAL SERVICE NEWS:** Mrs. Dorothy Ettlinger, case supervisor, N. Social Service, resigned to care for a newly adopted daughter. Corla became a part of the Ettlinger household in August.

Mrs. Ella Fink resigned in August from N. I. Social Service to move to Los Angeles where her husband will be with the UCLA Law Library.

• **ENGAGEMENTS:** Mary Devaney, head technician, B.H. Hematology Lab is engaged to Joseph Gauzza, graduate of N.Y.U. Law School. There'll be a May wedding.

Rosemary (Romie) Seifert, lab technician, B.H. Hematology Lab, is engaged to Sheldon Kaplan, a graduate of N.Y.U. and a former Air Force officer. An April wedding is planned.

Paja Feiwel, technician, Harkness Lab, is engaged to Lewis Wald, accountant in the U. S. Treasury Dept. A December wedding is in sight.

STETHOSCOPIA

• **WEDDINGS:** Frances Roberts, 3rd year student, Department of Nursing, was married on September 28 to Jerome Wilson, a graduate of Howe Military School and Colgate University.

Susanne Brabant, secretary, 4th floor Nursing Office, was married on September 7 to Charles Mateo, of the St. Regis Paper Company, at the Calvary Baptist Church, New York.

Alexander McKinney, 3rd year medical student, P&S, was married to Carolyn Braman, a graduate of Wheaton College, on August 28 at the Tabernacle Presbyterian Church.

George Stassa, 2nd year medical student, P&S, was married on August 15, to Susan Levy, a graduate of Barnard College, at the Gold and Crystal Suite, Ambassador Hotel.

• **RETIREMENTS:** Mrs. Mary (Mollie) Manchess, nurses' aide, whose unfailing good humor endeared her to scores of patients on Harkness-10, will retire in October. Mrs. Manchess' faithfulness to the exacting responsibilities of patient care made her an indispensable member of the nursing team, and her co-workers tell us that her absence will be hard to accept. But Mrs. Manchess looks forward to more time for her 21 lively grandchildren in the years ahead.

• **CONGRATULATIONS TO:** Mrs. Kathleen Williams, of the Linen Room, a proud grandmother for the fourth time. Granddaughter Alice Marie, weighing 7 pounds, arrived at Sloane on August 8.

Mrs. Kathleen Bray, secretary, 4th floor Nursing Office, whose son, Joseph, has entered the Christian Brothers, Tarrytown, New York.

Mrs. Rose Rush, secretary, 12th floor Nursing Office, whose son, Raymond, entered St. Albert's Junior Seminary (Carmelite Fathers), Midletown, New York.

• **WELCOME TO:** Mrs. Eve Dyrssen, appointed secretary in the Volunteer Dept., to replace Mrs. Florence Bischoff who resigned. Mrs. Dyrssen holds Columbia's M.A. in History and Political Science and was formerly with the Community Council of Greater New York, and the Elder Craftsmen Shop.

Miss Monte von Rosenberg, appointed to assist with the evening volunteer program and replacing Mrs. Anna Smith who resigned. She attended the Sophie Newcomb College in New Orleans, and is a gradu-

ate of Wayne State University, Detroit. Miss von Rosenberg was formerly with the Braniff International Airways.

Mrs. Ann Traino, the Medical Center's Chief Telephone Operator, Mrs. Traino comes to us after 34 years with The New York Telephone Company, in administrative assignments including Central Office Student Instructor, Traveling Instructor, and Staff Training Supervisor for Chief Operators. Only eight months after an elective early retirement from the Telephone Company, Mrs. Traino could not resist the lure of managing the Medical Center private branch exchange, where fast handling of an average 15,000 incoming and outgoing calls a day is a vital part of patient care.

Also new at our 40-position switchboard are Mrs. Jean Hofarth, Mrs. Helen Wisman, Mrs. Mary Moran, and Mrs. Mary Carey.

Miss Elizabeth Scully, appointed the new director of the Occupational Therapy Dept. She received her OT degree from the Boston Occupational Therapy School and comes to us from the Institute for the Crippled and Disabled.

Mrs. Mary Heizman, appointed supervisory housekeeper, Vanderbilt Clinic. An alumna of the Hanna Harrison School in Washington, Mrs. Heizman was with the North Shore Hospital, Manhasset, and Finch College. Mrs. Heizman is replacing Miss Margaret Widdall, supervisory housekeeper who has gone to the Eye Institute.

Miss Barbara Mintz, who has joined the N.I. Social Service staff. Miss Mintz is a graduate social group worker from Western Reserve University in Cleveland. She was formerly with the Young Men's and Young Women's Hebrew Association in Brooklyn.

Miss Jane Connor, appointed office manager in the N.I. Social Service Department. She was formerly with St. Vincent's Hospital.

• **KUDOS:** Dr. Paul A. di'Sant Agnese was guest speaker at a luncheon on September 16 for the Scarsdale Chapter, National Cystic Fibrosis Research Fund, given in Greenwich, Connecticut and attended by Gov. and Mrs. Abraham Ribicoff.

Miss Laura Vossler, director of volunteers, has been invited by the American Hospital Association to lead a Round Table discussion at the annual convention in Atlantic City.

Presbyterian in the Press

Five handsome photos recording the day of Helen Stealey, staff nurse, Urology 10-West, illustrated a recent look at the nation's need for nurse by the Sunday Magazine of the *New York Times*. Below is another fine example of the documentary art of photographer Sam Falk, which the *Times* didn't have room for. Shadowed faces across the lunch table from Miss Stealey belong to medical students Norman S. Roome and Nelson H. Cantwell. *Times* writer Wayne Phillips reported on housing scholarships, auxiliary nursing personnel at Presbyterian as an example of how one hospital is recruiting nurses and using supplementary personnel to take over routine duties.

To the Nursing Service, the *Times* article brought a number of letters from nurses interested in PH, at least three of whom have already joined the staff. To Helen Stealey, the article brought a warm letter from the director of nursing at her school, the University of Kansas messages from a host of friends and ex-patients, and headlines in the hometown newspaper, the *News Press & Gazette*, St. Joseph, Mo.

SAM FALK, THE NEW YORK TIMES





FORTY YEARS OF SERVICE as Presbyterian's chief pharmacist brings orchids and warm memories to Miss Anne E. Grosso. Old friends who gathered in pharmacy are, from left: Miss Doris L. Goddard, secretary to Dr. Snyder; Dr. Joseph E. Snyder, Assistant Vice-President, Vanderbilt Clinic; Miss Mary C. Chamberlin (barely visible), secretary to V-P Binkert; Miss Marion D. Cleveland, R.N., Director, Nursing Service; C. D. Auty, Administrative Assistant, Personnel and Protective; Miss Grosso; Chaplain Robert B. Reeves; Miss Millie Rossi, assistant chief pharmacist; Comptroller J. G. McCullough; Assistant Vice-President R. N. Kerst; Executive Vice-President A. J. Binkert; Assistant Vice-President Dale K. Tuller. Miss Eleanor Lee, Director of Nursing, joined the party a few minutes after photo was taken.

In Memoriam

Mrs. Florence Burton Philbin, wife of Stephen H. Philbin, died in late August at the age of 69. For more than 20 years Mrs. Philbin had been a devoted worker for the welfare of patients of the Neurological Institute.

When Mrs. Philbin began the generous gifts of time, energy and money that were to continue throughout her life, the Institute did not have professional social service workers to help families over the crises of hospitalization, or to help patients make the first steps back to a normal place in life.

To ease the lot of those who face serious illness with limited means, Mrs. Philbin organized a group of her friends as the first home visiting committee of the Neurological Institute. These dedicated women not only visited patients in their homes, but also, as Mrs. Charles Adams of the Neurological Auxiliary said last month, "became trusted friends upon whom the patients called whenever an emergency arose."

When the Neurological Institute was allied with The Presbyterian Hospital at the Medical Center site in 1929, Mrs. Philbin became a member of the Corporation of the Hospital. Through the years she continued to give enthusiastic support to every activity of the Neurological Auxiliary and also worked regularly as a volunteer aid in the Children's Neurological Clinic. Only a few weeks before her death, Mrs. Philbin was cheerfully consulting and advising on the redecoration of Neurological wards and rooms for patient care.

Mrs. Philbin also served as a board member of the New York Eye and Ear Infirmary and of the Soldiers, Sailors and Airmen's

Club. She was a French Army Nurse during World War I.

*

Alonzo Potter, member of the Corporation of The Presbyterian Hospital until 1954, died in late August at the age of 85. Mr. Potter, a retired banker, was the founder and president of the Big Brother Movement in New York.

A grandson of Howard Potter, one of the four founders of the Orthopaedic Hospital, Mr. Potter had been a corporate member of that hospital from 1914 to 1944 and served as its treasurer in 1943-44. When New York Orthopaedic merged with Presbyterian, Mr. Potter became an honorary trustee of The Presbyterian Hospital and served until his resignation in 1947.

Force Gets Flu Shots

Continued from page one
cause of their age. Reports from South America indicate that incidence of Asian flu is at a peak among the 20-25 age group. All medical students will be vaccinated through Columbia's Student Health Service.

Next in line came personnel of Vanderbilt Clinic, operating rooms, labor and delivery rooms, nursery, as well as approximately one-third of all nursing personnel and a certain number of workers from essential laboratories, food service, and the telephone room.

"In a hospital," Dr. McCormack said, "it is well-nigh impossible to pick out 'essential' and 'non-essential' categories of workers. From clinic admission to the record room, from the kitchen to the telephone room, almost everyone is an essential part of the hospital's ability to care for the sick. We have tried to pick out skeleton crews from every department for the first lots of vaccine, and our hope is that the entire hospital force will have been vaccinated by early October."

The task of assembling sterile syringes in lots of 500 and planning routines for each mass vaccination was carried out by a nursing committee: Miss Cleveland, Miss Margaret Wells, Assistant Director of Nursing, and Miss Cyrilla Page, Administrative Assistant. Miss Wells, just back from two weeks duty in the Army Reserve, brought back a handy scheme for a wooden rack to hold the prepared syringes, which was made up by Frank Storet, one of the Hospital's eight carpenters.

Dr. Daniels Will Head Psychoanalytic Clinic

Dr. George E. Daniels, Clinical Professor of Psychiatry, is the new director of Columbia's Psychoanalytic Clinic for Training and Research. Dr. Daniels succeeds Dr. Abram Kardiner, who has accepted an appointment as Lecturer in the Department.

The Clinic offers therapeutic services for both outpatients and inpatients of The Presbyterian Hospital and the N. Y. Psychiatric Institute, including children. Medical school graduates, who have completed internship and at least one year of psychiatric residency, are admitted to the Clinic for four years of additional training in the psychoanalytic method. Columbia's Faculty of Medicine was the first university medical school in the country to offer training in psychoanalysis, the now-famous instrument devised by Sigmund Freud just before the opening of the troubled Twentieth Century.

Dr. Robert Senescu, Assistant Clinical Professor of Psychiatry, has been appointed director of the Vanderbilt Psychiatric Clinic. Dr. Robert B. McGraw, who served as director of the Clinic for 27 years, has retired, but will continue to take part in the activities of the Department as a member of its executive committee.

Dr. David M. Levy, widely known for pioneering work in child psychiatry, has retired as Clinical Professor of Psychiatry and has been appointed Lecturer.

No Repeat of 1918 Flu

Continued from page one
virus will cause real trouble this winter. A famous Medical Center team—Dr. A. R. Dochez, Dr. Kneeland, and Mrs. Katherine Mills Price—has been keeping track of the advent of this bacterium in normal throats at the Medical Center since 1927. Currently Mrs. Price is making about 100 normal throat cultures a month, gathered at random among the working force of the Medical Center. These samples show how often *Hemophilus* appears in force over the years, and also (along with other studies) help to signal the advent of other possible secondary invaders among our local bacterial population.

Once thought to be the cause of influenza, the *Hemophilus* bacterium was relieved of this responsibility when the flu virus was isolated by British workers in 1933.* But the death-dealing bacterium has been found to be a close partner of the flu virus in two major outbreaks.

It was on hand in force in 1918, Dr. Kneeland says, along with a "veritable zoo of other secondary invaders."

It was found in over half the normal throat cultures taken at the Medical Center during the autumn influenza outbreak of 1928—but did not produce pneumonia.

Its nearest relative, *Hemophilus suis*, was found to be indispensable as a working partner with the virus that causes swine influenza. If *Hemophilus* is not present, swine influenza is no worse than a cold.

Swine influenza was first reported among the cornfields of the U. S. in

ARTHUR SCHATZ, BLACK STAR



MRS. KATHERINE M. PRICE: interested in the population of your throat

1918. Surviving by a life cycle exotic even in the subworld of parasites, the swine virus lives part of its life in swine lung worms, another part in earthworms, which are washed up by driving fall rains to re-infect a new generation of pigs.

If, as some researchers believe, *Hemophilus* in force is a clue to whether a given influenza will be serious or mild, the news from the Medical Center is so far good. Mrs. Price's counts showed *Hemophilus* in only about 34 per cent of normal throats over the summer—a "safe" level ranging near that of any normal year. Whether fall will change the trend, only future counts will tell.

* The Dochez-Kneeland-Price team, attempting to transmit influenza by a bacteria-free filtrate, produced a disease resembling influenza in several volunteers in 1930. The team is famous for its studies of the common cold.

How Flu Virus Attacks Living Cells

Continued from page one

like the 1918 outbreak, when flu and its secondary complications killed 20 million persons as it swept round the world. The Rose team received its first samples of the Asian flu virus last May, by airmail from the World Health Organization laboratory that first isolated the newest mutation of Influenza Virus A. Like other virus research laboratories at key points throughout the world, the Medical Center group immediately began to

and is part of a study of influenza immunization that has been underway at Fort Dix since 1954.

The Fort Dix study got really interesting when the Medical Center team isolated Asian-type flu virus from the throat washings of a sick soldier in July—several weeks before the first reports of Asian flu in the New York area hit the press. Dr. Rose, a life-long student of how viruses invade living cells on which they become parasites, cancelled his vacation and began to work night and day on the vaccine studies. As a member of the Commission on Influenza of the Armed Forces Epidemiological Board, Rose has for some years been one of the nation's influenza fighters.

Manhattan Flu Watch Tower

The virus research group is also one of the outposts checking on Asian flu in New York City. Blood samples from Vanderbilt Clinic patients with respiratory infections are regularly checked for an indication of the extent to which the Asian mutant is spreading in New York.

How viruses "borrow life" from the cells of man, animals, plants, and even bacteria is one of today's most engrossing scientific studies. Viruses stand on the very border line of life and non-life. Somehow a virus forces body cells to make the chemicals needed to carry forward its own life cycle—and the physical symptoms of disease are the result. One view is that the virus lacks the enzymes, or catalysts, that carry forward the chemical reactions of life and borrows these from the cell it invades.

Current work at the Medical Center on the Asian flu virus is part of a longtime study of the mechanics of virus action. Biochemical work by Dr. Calderon Howe and associates recently brought a remarkable discovery. Studying the cell membrane—a microscopic wilderness that is one of the great unknowns in modern biology—Dr. Howe has been able to identify the chemical substance that the influenza virus uses to attach itself to the human red blood cell. He has also been able to isolate this chemical receptor substance in a highly purified form. Viruses are known to act on cells of the respiratory tract in much the same way they enter red blood cells. Thus the doorway recently discovered by Dr. Howe may someday help to open a great new vista—chemicals that can combat virus invasions.

How Flu Virus Invades Cells

Only a few viruses had been seen by the eye of man before the invention of the electron microscope about twenty years ago. Now the electron microscope, which magnifies over 100,000 times, is a major instrument in the search for ways to combat the unvanquished virus diseases. Even the overcoats that some viruses wear can now be seen, and the electron microscope is revealing many other new facts about the hidden architecture of this primitive form of life. The virus' inner core (RNA)—chains of atoms, twisted together like two strands of beads—is today thought to be the key, not only to how viruses act, but also to the most profound mysteries of human heredity.

Dr. Councilman Morgan's remarkable electron micrograph studies have

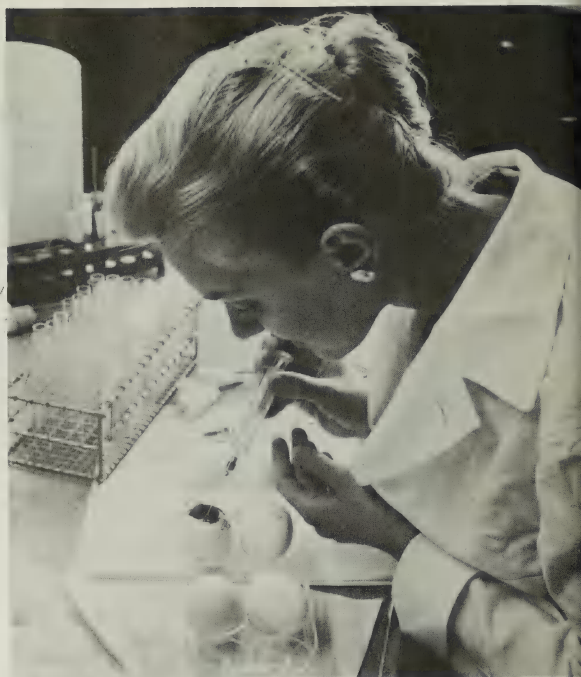


Dr. Harry M. Rose

grow the Asian virus in a favorable breeding ground: the developing chicken embryo.

Within a few days and after two passages through embryos, the Asian virus, a microbial newcomer in the struggle for life on earth, was available for study by Medical Center virologists. Their work was part of the world-wide scientific effort that made possible prompt mass production of the vaccine designed to protect us against Asian flu.

Once the safety of a vaccine is established by animal work, further studies must discover how effective it is in protecting human patients. Medical Center researchers are now evaluating several alternative types of Asian flu vaccine among military personnel at Fort Dix, New Jersey. The work is under an Army contract



ASIAN FLU VIRUS is harvested from chicken embryo by Mrs. Lisa Barron, technician, microbiology laboratory.

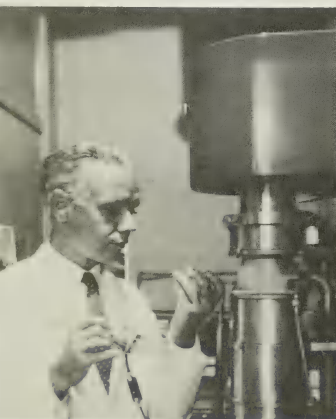
revealed that the influenza virus can be seen only on the surface of the host cell—unlike other viruses which micrograph studies have found in the interior of the cell.

"The influenza virus may work by releasing its nucleic acid (RNA) into the body cell," Dr. Rose said. "This is known to be the case for virus parasites of bacteria. Recently workers elsewhere have shown that the nucleic acid fragment of the tobacco mosaic virus and certain animal viruses can by itself produce infection.

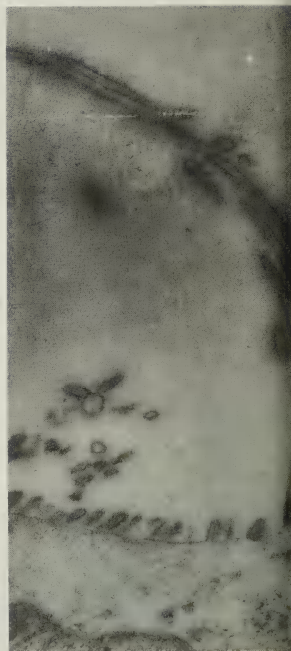
"We believe that, once the nucleic acid invasion has been accomplished, assembly of a new virus becomes possible, and that this assembly point is at the cell surface. Controls for the assembly may exist in the cell membrane."

Dr. Morgan's studies have also shown that the influenza virus exists in two forms (see photos). One looks like a covered ball, the other like a long rod.

ROUND FLU VIRUS, below, is magnified 150,000 times. Rod-like virus forms, right, are magnified 46,000 times. Researchers think rod is not infective, believe it is an incomplete form of virus. Micrographs by Dr. Councilman Morgan.



Dr. Councilman Morgan





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XII, NUMBER 9

NOVEMBER, 1957

New Work Tables, Sand Boxes, Shuffleboard Fresh-Air Play Space on Babies Hospital Roof

The first thing René told his brothers and sisters, when he reached home after a two-week stay at Babies Hospital, was—"I rode the hobby horse!"

For René, as for many another of the 5,000 children cared for in the Pediatric Unit last year, it was a first chance to ride a hobby horse—or sail a boat in a big pond, or watch a puppet show. Especially for children from city families of limited means (half of all child patients last year were ward patients), the toy-filled playrooms and tool-filled workshops of Babies twelfth floor are something like a child's dream come true.

Maintained for some 18 years by the devoted work of the Board of Women Managers of Babies Hospital, the playrooms on the twelfth floor are, as the Department of Recreational Therapy, a well-tested medical instrument. The happy children who make the twice-a-day trip to the play floor are impressive evidence of how well the instrument works.

Over recent months, the fascinating resources of the play floor have been enlarged by a variety of

Continued on page four

PH Information Experts Keep up with Questions

When Mrs. Jones calls up The Presbyterian Hospital to ask how her sick friend is, she usually gets the answer within 30 seconds—despite the fact that her friend is only one of over 1,000 patients in the Hospital that day.

When someone calls up and says: "I'd like to get the name of a very good doctor who treated a friend of mine ten years ago in your clinic. I think his name begins with an H, and he had red hair," the caller gets a warm and helpful

Continued on page two

Nerves Regrown in Cut Spinal Cord of Animals

Since the compassionate battleworn surgeon Paré probed for bony splinters in the spinal cord, surgeons have sought ways to mend injuries to the great trunk of man's nervous system. There has been little enough that they could do.

Before antibiotics to control infections, spinal cord injuries usually meant death. After World War II, "paraplegic" became part of the nation's vocabulary. Antibiotics had helped many such wounded soldiers live, but they lived with total paralysis below the severed cord.

Against this background, a paper presented by a Medical Center team before the American College of Surgeons made news last month.

The Center researchers reported that they had been able to grow new nerves across a cut in the spinal cord of animals. Led by Dr. James B. Campbell, neurosurgeon, the team includes Dr. C. Andrew Bassett, orthopedic surgeon; Dr. Charles R. Noback, neuro-anatomist; Dr. Jakob Husby, neurosurgeon.

Continued on page four



KARSH, OTTAWA

Kenneth C. Towe

Mr. Towe Elected to Presbyterian's Board

Kenneth C. Towe was elected to the Board of Trustees of The Presbyterian Hospital at a board meeting in October.

Mr. Towe, who is Chairman of the Board of Directors of American Cyanamid Company, is a Director of Guaranty Trust Company of New York and of The Putnam Trust Company in Greenwich, Connecticut. He is also a Director of the Manufacturing Chemists' Association, the National Association of Manufacturers, and the National Safety Council. He serves also as a National Director of the Boys' Clubs of America and as a Trustee of Duke University and of The Duke Endowment.

With his wife and three sons, Mr. Towe makes his home in Greenwich, Connecticut.

Team Chairman Named for United Hospital Drive

The Presbyterian Hospital's participation in the 1957 United Hospital Fund campaign got under way in October, with six teams making every effort to top last year's accomplishment, when their counterparts collected \$204,494.

The team chairmen here are: Dr. Henry S. F. Cooper, joint professional; Thatcher M. Brown, Jr., trustees; Mrs. C. Redington Barrett, Presbyterian Hospital Auxiliary; Mrs. Charles E. Adams, Neurological Institute Auxiliary; Mrs. Edward H. Gerry, Orthopedic Hospital Auxiliary, and Mrs. John S. Tilney, Babies Hospital Auxiliary.

STORYTIME ON BABIES HOSPITAL ROOF includes Mrs. R. Peter Rose, member of Board of Women Managers, and Presbyterian's Executive Vice-President Alvin J. Binkert.

MANNY WARMAN



REPORTERS

Accounting—Helen Hockenberger. *Building and Grounds*—Margaret Muccioli, Edith Hinkle, Robert Williams. *Babies Hospital*—Loretta Molzahn. *Chaplain*—Robert B. Reeves, Jr. *Elevators*—John J. Callahan. *Eye Institute*—Helen Meade. *Graduate Nursing Staff*—Patricia O'Hora. *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Mrs. D. W. Hood. *Mail & Messenger*—John J. Campbell. *Nurses Aides*—Mary Ryan. *Orderlies*—Fred La Porte. *Physical & Occupational Therapy*—Elizabeth Scully. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.), Clare Yoder (P.H.). *Telephone*—Margaret Buckley. *Vanderbilt Clinic*—Calvin Hatcher.

PH Information Experts Keep up with Questions

Continued from page one

answer—certainly the Hospital will try to identify the doctor.

If someone comes to the desk with a "positive cure" for arthritis and wants to know how to tell it to the doctors, he gets a courteous and satisfactory answer too (it's suggested he mail in the details).

Such questions are all part of a day's work for The Presbyterian Hospital's Information Center just inside the entrance to P.H. Established 5½ years ago, this busy Center, directed by Miss Lillian Brown, Unit Manager, PH, and supervised by Mrs. Dorothy Barry, has since become the chief information hub of the entire Hospital. Its staff—including Mrs. Margaret Conlon, Mrs. Margaret Mahon, Mrs. Alice Boller, Miss Barbara Keenan, Mr. Ted Worth, Mr. Daniel O'Neill, Mr. Peter O'Sullivan, Mrs. Dorothy Dahn and Mrs. Jean Doherty—tries to answer helpfully any sincere question, no matter how tough.

The speed with which a telephone inquirer learns the condition of any ward patient in the Hospital is a tribute to the organization of the Patients' Information section. Here's how it's done.

At a seven-foot-long desk, three women telephone clerks, earphones on heads, watch a vertical bank of red, green and white lights that signal incoming calls relayed from the 9th floor Telephone Room. Calls come in rapidly—three or four a minute at peak times, and up to 500 or more a day. Prepared by doctors and nurses, reports on patients' condition are brought to the Information Center by messengers at 9:30 every morning. From these, the clerk may find the facts for such a typical answer as: "Mrs. Brown slept well and is eating well. She is in a wheel chair during part of the day. Her condition is good and she has a very cheerful outlook." Patients' Information answers inquiries about the condition of all ward patients in all units of The Presbyterian Hospital except those in Babies Hospital, which has its own Information Service for that purpose. Inquiries about private or semi-private patients are transferred to the patient's room or, if the patient should not be disturbed by calls, to the floor clerk.

Keeping up with inquiries means constant watchfulness. When a patient is put on the danger list, a pink cellophane overlay goes on his card.

If the family has not already been told, one of the clerks notifies them by telephone (if there's no phone, the Information Desk sends a telegram). And as inquiries then flow in, the clerks call the ward from time to time for a recheck on the patient's condition.

Downbeat Department?

Many other duties such as keeping track of house doctor schedules and clinical conferences throughout the Hospital keeps the telephone-answering staff busy. But there's also a constant flow of teasers. For instance: "How big is the flag flying atop the Hospital?" (Answer: 10 by 15 feet) . . . "Where is the downbeat department?" (Answer: In Vanderbilt Clinic—the inquirer, who had misunderstood instructions, meant Derm B, otherwise Dermatology Clinic B) . . . "Is Mr. Brown still in the oxygen tank?" (Answer: Yes —Mr. Brown is still in the oxygen tent.)

Tact and Ingenuity

While Patients' Information keeps telephone callers informed, the staff at the adjacent Information Desk answers a multitude of across-the-counter questions. During visiting hours, the Information Desk staff tells relatives and friends where to go—referring to two rotating drum files of patients' cards. They issue special passes for visitors to patients on the Danger List, who may be visited at any time.

They also direct a lot of miscellaneous traffic; accept flowers and packages for patients, messages and packages for the house staff; send Hospital messengers on all manner of assignments; send and accept telegrams; handle incoming special delivery and registered mail; receive and process discharge cards; prepare death certificates for completion by the doctor; and answer the Chaplains' phones when their offices are not otherwise covered.

And then there are all the daily questions that tax tact and ingenuity. For instance: "Who painted the portraits in the lobby?" . . . "How do I get bus tickets to Los Angeles?" . . . "What is the Eighth Commandment?" . . . "What should I do about this

bad eye?" (the caller is referred to Vanderbilt Clinic). One gentleman wanted to demonstrate a home-made do-it-yourself "X-ray machine" made chiefly out of carbon paper (it was gently suggested that he write in about it).

Remember a Sick Child Here this Christmas

Every child in the Hospital at Christmas gets Christmas presents, as do all of the children who go home Christmas week. For some families in our neighborhood, Christmas presents from the Hospital make a big difference—otherwise there might not be enough presents to go around.

If you want to help make Christmas a happy time for patients of our wards and clinics, dress a doll for the Dolls' Tea Party or bring a child's Christmas gift to the office of Miss Elizabeth Callahan, unit manager, Babies Hospital. Miss Callahan is chairman of the Christmas Committee that plans Christmas cheer for patients throughout Presbyterian.

Jewish Service is Now On Saturday Morning

The regular weekly Jewish Service in The Pauline A. Hartford Memorial Chapel is now being held on Saturday at 10:30 a.m. A change in Rabbi Marvin J. Goldfine's schedule makes it possible to hold this service on the Jewish Sabbath, instead of on Friday as in the past.

Other weekly Chapel services are:

Roman Catholic Mass at 7:00 a.m., Sunday.

Protestant Worship at 10:30 a.m., Sunday, with Communion celebrated on the first Sunday of the month.

P & S Vesper Service at 5:15 p.m. every Wednesday during the academic year.

QUESTIONS ARE THEIR BUSINESS: from left, Ted Worth, Lillian Brown, Dorothy Barry.



THREE CALLS PER MINUTE: Barbara Keenan, Joan Humbert, Mrs. Barry, Margaret Mahon.

MANNY WARMAN



Artist Bethke's paintings turn eye pathology into dream-like landscape. By day, Bethke makes exact anatomic drawings at his drafting board at the Institute of Ophthalmology. By night, the structures of the eye grow under his brush into haunting phantasies. The twelve oils are the harvest of two years of night work.

TAKING PICTURE. Dr. Skutumpah is shown here using his camera to look through the microscope.

A black and white micrograph showing a cross-section of a cell. The central feature is a dark, circular nucleus with a granular texture. Surrounding the nucleus is a lighter, more uniform cytoplasm. The entire cell is enclosed within a thin, dark outer boundary. There are some small, dark spots and artifacts visible in the surrounding medium.

STETHOSCOPIA

Geraldine Sullivan, head nurse.

The rare picture below establishes a milestone in biological sciences. Taken by Dr. Leonard H. Stettin of the Columbia-Presbyterian Medical Center in New York City, it receives a previously held belief about the earliest stage in human life.

hatching from a *Talitropus* tube. After three hours the larva, colorless and around the egg head disappeared, revealing the clear yellow coarctate inside. He then photographed it under his microscope. (Left). In his picture, shown below, the egg is magnified over 2,000 times.

The clear space surrounding the egg itself is comparable to the white of a hen's egg. The tiny yellow circle is the polar body which splits away when the egg is mature and carries an unpaired set of chromosomes. The center dark area contains the chromosomes which transmit the heredity of the mother to her child.

"GOTHIC RUINS" is artist's title for vitreous arches in posterior chamber, above. "Uncertain Sunset" is recognizable as optic disc shining on retinal detachment.



Emil G. Bethke



TV CAMERAS as well as newspaper photographers followed Jerry Coleman, *left* and Gil McDougald when the Yanks gave a television set so that fans on Babies' sixth floor could watch the World Series. The Yanks sent back a baseball autographed by the whole team to one patient, too sick to sit up for television.

Miss Catherine Seus, secretary to William Lester, manager of Harkness Hall, retired in November. She has been with the Hospital since July 1929, but has been with Harkness Hall for the past ten years. Miss Seus will spend her retirement days in New York with her sister.

New Work Tables and Sand Boxes for Babies Roof

Continued from page one

new equipment. New work tables and sand boxes on wheels move out-of-doors to provide for fresh-air play on the adjoining roof. There's a de luxe child-scale shuffleboard, ten planted flower boxes, outdoor chairs. Indoors, there's a new piano, new carpentry equip-

ESTHER BURLEY



Miss Elizabeth Callahan

were available to children. Mortality was so high and nursing care so expensive that most general hospitals refused to accept babies.

"Even 30 years ago, when medical advance had already begun to stem some of the major diseases of childhood, countless hospitalized infants continued to die of a mysterious disease labeled 'marasmus'. Once thought to be the result of malnutrition, yesterday's 'marasmus' is today known to be in part a lack of loving care. The famous prescription—tender loving care—which our volunteers today help us to administer liberally at bedtime and feeding times was medicine's recognition that some infants could quite literally die without the handling and fondling given by a loving mother or her substitute."

Nerves Regrown in Cut Spinal Cord of Animals

Continued from page one

The researchers made it very clear that 1) the method is a long way from being tried on humans, and 2) although new nerve fibers have bridged the cut spinal cords, the animals have not regained any function in their lower limbs.

The work, however, reverses a widely held opinion that regrowth of spinal cord tissue is not possible.

The method developed by the Center team exploits one of the most remarkable properties of living systems. This is the capacity of body tissue to make its own repairs: to initiate new cellular growth to mend structural parts damaged by accident or disease.

Until recently medicine has been in the dark about the circumstances under which this kind of self-repair can occur—or about how to cooperate with nature in encouraging it. Since the turn of the century, surgeons have discovered that if they can supply a scaffolding, or matrix, orderly natural regrowth will occur to bridge gaps in bones or in blood vessels.

The method developed by the Center team provides such a scaffolding and also prevents the nerve fiber from becoming entangled with scar tissue.

Some months earlier the team reported successful regrowth of nerves over gaps of up to $1\frac{1}{2}$ inch in the legs of animals. The regrowth had been secured by means of a remarkable plastic filter, Millipore. The filter, a cellulose acetate film only one molecule thick, has pores only slightly larger than those of some parts of the human skin. Such openings compose 80 per cent of Millipore's substance.

The first biological application of the material was made by a National Health Institute researcher, Dr. Glenn H. Algire, who used the film to grow cancer cells in tissue culture. Dr. Bassett, who was experienced in tissue culture techniques, suggested that this extremely fine filter might solve the chief problem of nerve regeneration because of its capacity to block passage of "scar" or connective tissue cells while permitting passage of nutrient fluid.



FOUR HANDS ARE BEST for building in newly equipped shop, above. How to handle a back-seat driving problem, below.

ARTHUR SCHATZ, BLACK STAR



Cuffed as a sheath around the gap in a severed nerve, the filter proved able to keep out the tiny cells of connective tissue. Thus a path was kept open for regeneration of nerve tissue, and the plastic sheath also served as a scaffolding for the regrowth.

In this experimental regrowth of severed nerves in the legs of animals, nerve function was regained. Thus the experiment was successful enough to justify preparation for clinical application of the method in certain cases of peripheral nerve injuries and an extension of the experiment to work on the spinal cord of animals.

Dr. Noback's microscopic examination of the cut cord shows that thousands of nerve fibers have been regenerated in an uninterrupted linear pattern by the sheath method. The regeneration is numerically many

times greater than has been hitherto thought possible. The researchers point out, however, that they have yet to show whether the spinal regrowth will someday permit the animals to walk.

One clue may come by determining whether the regenerated fibers can transmit small electrical signals, and Dr. Husby is now beginning this experimental work. One tiny electrode will be used to initiate an electrical impulse above the regenerated section of the cord, another to attempt to pick up the impulse at and below the regrowth.

The work—a Columbia research study—has been supported mainly by the Department of the Army, with aid from the Playtex Park Research Institute, the United Cerebral Palsy Associations, Inc., and the United States Public Health Service.

ment and cabinets in the workshop, a new cart for taking toys to the children not yet well enough to get out of bed.

All these new resources are the fruit of money raised by the Board of Women Managers' recreational therapy committee, chaired by Mrs. R. Peter Rose.

Playrooms for ambulatory (and non-infectious) child patients were a new idea in hospitals when the Schwarz family gave the funds for building and equipping the playroom in the Recreational Therapy Department in 1928. The funds were given in memory of Frederick A. O. Schwarz and Henry F. Schwarz, founders of the Fifth Avenue toy store and grandfather and father of Frederick A. O. Schwarz, now acting president of The Presbyterian Hospital. Mrs. D. Hunter McAlpin provided an annual fund of \$2,000 toward the salary of a recreational worker and the new playrooms were opened.

Support from Board

In 1939 the Board of Women Managers took over support of the Recreational Therapy Department, which today is staffed by two full-time recreational therapists—Mrs. Paula Del Guercio and her assistant, Miss Ruth Vickers, Miss Dolores Burke, nurses' aid, and three volunteers.

The playrooms adjoin P. S. 401-X, a New York City public school classroom where children who are well enough continue their school work while in the Hospital. The school room was given by Mrs. J. Beekman Hoppin in memory of Mrs. Alfred M. Hoyt.

"Playrooms, where parents can join in play and shop activities, are part of the great shift in hospital care of babies and children that has occurred over the lifetime of Babies Hospital," Miss Elizabeth Callahan, unit manager, said last week. "When this Hospital was opened 69 years ago, only 27 of New York's 10,000 hospital beds



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XII, NUMBER 10

DECEMBER, 1957

ESTHER BURLEY

Christmas Requires Extensive Planning

Those of us who might need any reminder will soon see ample evidence that Christmas is just around the corner.

Suddenly, every floor of every unit in the Hospital will hum with activity as a small army of Santa Claus' helpers put up and decorate trees, place their colorful array of poinsettias, holly wreaths and candy canes. Door panels, windows and glass partitions will be transformed into Christmas "murals" as art-minded members of staff and personnel compete for prizes. For a full fortnight before Christmas there will be almost daily such reminders as parties, concerts, special religious services and choral singing by both "home" talent and visiting groups.

To Our Staff and Personnel:

As the Christmas Season approaches and we again count our blessings, there comes in mind the unselfish effort which all of you have expended in this past year for the care and comfort of the patients whom it is our privilege to serve.

It is this concern for the patients' welfare which is our common bond and makes us all aware, especially at this season, of the privilege which is ours in our daily endeavors. For your generous participation our gratitude — and A Very Merry Christmas.

A. J. Binckert

Executive Vice-President

All of these wonderful things which seem to evolve spontaneously to brighten the lives of everyone around Presbyterian as Christmas approaches don't "just happen." They are the result of careful, thorough planning, well in advance.

It was on October 30 that the Christmas Committee, headed by Elizabeth R. Callahan, met to discuss and approve all of the countless details of the over-all plan which makes all this possible. Unit managers were alerted to the fact that their lists of required trees, wreaths and trimmings must be in

Continued on page three



NEUROSURGEONS RESCUE BABY FROM LIFE OF MENTAL DEFICIENCY, ABOVE. TENDER NURSING CARE SPEEDS HER RECOVERY, BELOW.

ESTHER BURLEY

Melanie's Story—She is One of 5,600 Children Cared for Here Last Year

Melanie was a bright baby. She held her head up at two weeks and smiled at six. But when Melanie was just four months, her doctor said that she suffered from a strange defect that blocked her chance for a normal life.

Thus Melanie became one of more than 5,600 children admitted to The Presbyterian Hospital over the last year. Here the abnormality that threatened her with a life of mental deficiency could be studied by men who had spent years devising a way to correct it.

Only a few decades ago surgeons were helpless to change the fate of babies like Melanie. In one of the mistakes that Nature occasionally makes, as she sums up shadowy eons of vertebrate evolution, Melanie had been born with a skull deformity. One of the soft seams or sutures which, like expansion joints, permit the skull to grow was missing.

Unless Melanie could be helped, the bony skull would slow the surge of growth that normally

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REPORTERS

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STETHOSCOPIA

• **ELECTED:** *Dr. John H. Dunnington*, Director of Service, IOPH, was named president-elect of the American Academy of Ophthalmology and Otolaryngology at its annual meeting held in Chicago in October.



Dr. Dunnington

Fifteen members of the staff of the Eye Institute gave instructional courses during the Academy sessions.

• **CONVENTIONEERS:** The Medical Center was represented by six delegates at the annual convention of the New York State Nurses' Association, held in Syracuse, Oct. 14-17. *Miss Hester A. Brown*, Nursing Supervisor, Orthopedic Service, and *Miss Carol Ann Sofio*, Head Nurse, IOPH, were Nursing Service delegates, *Miss Helen F. Pettit*, Associate Professor of Nursing and *Miss Barbara Hanaford*, Instructor, Department of Nursing, served as Faculty delegates, and *Miss Patricia A. Perkins*, 2nd year student, and *Miss Joan Brown*, 3rd year student, were student delegates. During the convention, Miss Perkins was elected as secretary of the Student Nurses' Association of New York State for the coming year.

Miss Margaret Douglass, Nursing Supervisor, PH-14, and *Miss Jane McConville*, Head Nurse, BH-7, were delegates at the Nursing Section meetings of the American Hospital Association annual convention in Atlantic City, Sept. 30-Oct. 2.

Miss Mary Cover and Samuel Feitelberg, Physical Therapy Department, attended the American Hospital Association Institute for Physical Therapists in Boston, Nov. 4-8.

• **ENGAGEMENTS:** Brenda Simon, P & S 3rd year physical therapy student, is engaged to Dan Lewis, a graduate of Rensselaer Polytechnic Institute, New York. A June wedding is planned.

• **WEDDINGS:** *Agnes Clugston*, Paymaster's Department, was married to Trevor Lloyd-Jones of London, at the Collegiate Presbyterian Church, N. Y.

Esther Finn, Laundry Department, was married to Jean A. Foussadier, Jr., at the St. Rose of Lima Church, New York. Mrs. Foussadier is indeed a member of The Presbyterian Hospital family. Her father, Michael

Finn, retired from Hospital employ three years ago, and her mother, Agnes Finn, has been here since 1942.

Viola Mack, receptionist, Administrative Office, VC, was married to Louis Giesler in Maryland.

Dr. Stanley Gould, resident in anesthesiology, was married to Joan Hodgkins, a graduate of Bates College and former lab technician, P & S.

Ann Perkins Goodrich, Physical Therapy Department, married to Edward Bannigan.

• **WELCOME TO:** *Miss Phoebe Eaton*, supervisor, and *Mrs. Selma Bernstein*, case worker in BH Social Service Department.

Miss Zoe Birren, who joined the Physical Therapy Department as staff therapist.

• **TELEPHONE ROOM NEWS:** Welcome to *Irene Pye*, *Joan Mulroe*, *Mary Sullivan*, *Ruth Morgan*, *Denise Bravetti*, *Theresa Ryan* and *Mary Dunno*.

Departures: *Theresa McCarthy*, *Marion Desmond* and *Irene Welsh*.

• **CONGRATULATIONS TO:** Mr. and Mrs. *Martin Ryan* on the birth of their second daughter, Lu Ann. Mr. Ryan is in the Maintenance & Construction Department.

Mrs. Dorothy Rothman, Public Interest Department, on becoming a grandmother for the first time, when granddaughter Erica was born to Mr. and Mrs. Richard L. Rothman.

• **DEPARTURES:** A farewell party was given in honor of *Mrs. Loretta Jones*, receptionist, VC Metabolism Clinic. She had been with the Hospital since September, 1951. About 25 friends gathered at the home of *Miss Leate Kennedy*, head nurse, VC, to wish Mrs. Jones happiness and success in all her future ventures.

Your Help Requested

John Campbell, mail room supervisor, has asked *Stethoscope* to remind everyone that this is a big place. His point is that Christmas cards exchanged among friends here should be mailed to home addresses if at all possible; but if you must use a Hospital address, be sure to designate the department.

Christmas Calendar

Parties:

ORTHOPAEDIC CHILD PATIENTS' party, Dec. 11, at 2 p.m.
EYE INSTITUTE party at Harkness Hall, Dec. 12, 5 p.m.
PEDIATRIC CLINIC party for child out-patients of all services, in VC-4 playroom, Dec. 18, 2:30 p.m.
MARY HARKNESS CONVALESCENT HOME party, sponsored by the Home's Auxiliary, Dec. 19, 6 p.m.
BABIES HOSPITAL party for in-patients, in Recreational Therapy, BH-12, Dec. 20, 10-11:30 a.m.
P & S CLUB party, open to all persons working at the Medical Center, at Bard Hall, Dec. 20, show 8-9 p.m., then dancing.
DOLLS' TEA PARTY, with display of dolls to be given to child patients on Christmas, in BH Board Room, Dec. 23, 3:30 p.m.
MEDICAL AND NURSING STAFF party at Maxwell Hall following caroling procession through wards, Dec. 24.

Special Religious and Musical Events:

STUDENT NURSES' GLEE CLUB Christmas concert in Maxwell Hall, Dec. 17, 8:15 p.m.
CANDLELIGHT VESPER SERVICE, conducted by P & S Club, in the Chapel, Dec. 18, 5:15 p.m.
ST. JOHN'S CHAPEL (Greenwich) carolers sing at Mary Harkness Convalescent Home, Dec. 24, 7 p.m.

In the Wards:

OCCUPATIONAL THERAPY CAROLERS, through the wards, Dec. 16, 2-3 p.m.
JUNIOR LEAGUE OF NEW YORK QUARTET, caroling in wards, Dec. 18, starting at 2:30 p.m.
CAROL SINGING procession through wards by doctors and nurses, Dec. 24, starting at 7:30 p.m.
SANTA CLAUS will visit patients, young and old, on Christmas morning.

Christmas Music Broadcasts Over Bedside Radio System*

CHRISTMAS organ, bell and choral music, daily from Dec. 16 through Dec. 28, 11 a.m.-1 p.m. and 3-4:30 p.m.
EQUITABLE LIFE CHORAL CLUB, from the Chapel, Dec. 16, 7 p.m.
ST. MATTHEW'S LUTHERAN CHURCH Children's Choir, from the Chapel, Dec. 17, 4:30 p.m.
KIP'S BAY BOYS' CLUB, from the Studio, Dec. 20, 5 p.m.
HOLY TRINITY LUTHERAN CHURCH CHOIR, from the Chapel, Dec. 22, 3 p.m.
HOSPITAL MUSIC SERVICE BROADCAST, from Studio, Dec. 29, 3 p.m.

Religious Services on Christmas Day:

ROMAN CATHOLIC MASS, 7 a.m.
PROTESTANT SERVICE with Holy Communion, 10:30 a.m.

* Channel One

In Memoriam

Dr. Lewis Riddell Stowe, Professor in Dentistry, School of Dental and Oral Surgery, and Director of the Service of Dentistry in the Hospital, died November 4 in Harkness Pavilion after a prolonged illness.

Dr. Stowe was born on Feb. 4, 1893, in Rush City, Minn. He was graduated from the University of Minnesota School of Dentistry in 1916 and was commissioned a First Lieutenant in the U. S. Army Dental Corps. After serving in France during World War I, he returned to Minneapolis and established a dental practice. Soon thereafter he founded the first dental clinic for children in that city's public school system.

In November, 1929, Dr. Stowe was appointed Assistant Professor in Dentistry in Columbia University and assigned to the Division

of Children's Dentistry. Later appointments included Professor in Dentistry, Director of the Division of Stomatology, and Associate Attending and Attending in the Service of Dentistry in the Hospital. He served as a consultant to the Veterans Administration Hospital in the Bronx, and conducted a private practice in Riverdale for almost twenty years.

Dr. Stowe was a fellow of the American College of Dentists, a member of the American Association for the Advancement of Science, the American Dental Association, and other professional societies. He contributed a number of scientific papers to dental and medical literature and was author of a chapter on mouth diseases in children in the medical text, "Holt and MacIntosh's Pediatrics."

Mary Harkness Landscape Blooms with Holiday Trim, Carols on Christmas Eve

With its country setting, the Mary Harkness Convalescent Home is enabled each year to present an outdoor display of Christmas decorations which adds to the holiday enjoyment of both the Home's "family," its many friends in Port Chester and Greenwich, and countless thousands who pass by on the Hutchinson River Parkway.

Three big natural trees, plus several large bushes on the Home's spacious grounds, sloping back from the Parkway, lend themselves perfectly to outdoor decorations, and the ingenuity of Stanley Muzoleski, maintenance supervisor, is such that observers say each year's display seems even more attractive than the one preceding.

Inside the Home, the holiday

atmosphere is heightened by decorations supervised by Miss Edna Bambay. The annual Christmas party, under the auspices of the Ladies Auxiliary, is scheduled for this year on December 19, starting at 6 p.m. All Medical Center staff and personnel who can do so are invited to participate in this. Carolers from St. John's Chapel, Greenwich, will sing in the Home on Christmas Eve.

The closely knit association of patients, staff and personnel at the Home makes Christmas there take on the aspects of a family affair. All will be together when gifts are distributed Christmas morning, and the day's festivities will be climaxed by a family-like dinner, with Chaplain Charles W. Legge present to give the blessing.

This Year Your Christmas Window May Win the Blue Ribbon, File Entry Now

Original depictions of the Nativity, as well as such other familiar seasonal scenes as Mr. Claus urging more speed from red-nosed Rudy, pink-cheeked cherubs who obviously enjoy their work, and a wide assortment of happy carolers, will soon be a colorful contribution to the Medical Center's Christmas observance.

The work of participants in the annual Christmas Window Contest sponsored by the Medical Center Art Committee, these "murals" will be seen on panes of glass in windows, on door panels, or possibly on the glass partition of a nurses' station.

Entry blanks are now available on all bulletin boards, at nurses' stations and at Public Interest, PH-4-30. These must be filled out and turned in to Public Interest *not later than December 18*. Judging will take place the following two days, with announcement of

winners on the 23rd.

The Committee emphasizes that only those entries for which blanks are submitted in advance will be visited by the judges and be eligible for prizes. Last year, several would-be contestants failed to submit blanks and their work, even though some of it was deemed worthy of prizes, could not be considered.

There will be five "first" and five "second" prizes, plus several honorable mentions. Winners and runners-up will receive boxes of candy, along with blue-streamered rosettes for first place and red ones for second place. White souvenir rosettes will go to those receiving honorable mention.

At the recent meeting at which this year's contest was planned, Miss Cecile Covell, R.N., was elected as new chairman of the Christmas Art Committee, succeeding Chaplain Robert B. Reeves, Jr.

Art Group Initiates New Program Series

The newly-formed Medical Center Art Association, at its first program meeting in October, made tentative plans for another program meeting during the winter and possibly a dinner meeting in connection with the spring Art Exhibit.

A highlight of the recent program meeting was a demonstration of technique in oils by Ivan Summers, who worked up a 24" x 36" scene from Gloucester Harbor as he talked and answered questions from members of the audience. Chaplain R. B. Reeves, Jr., President of the Association, presided and coffee was served by Miss Marion Cleveland, R.N. and Miss Cecile Covell, R.N.

Alumnae Shops Offer Comfortable Shopping

Christmas shoppers who dread the hazards of traffic and crowded stores might well find the answer to their problem by looking over the gift wares being displayed by the two gift shops operated by the Alumnae Association of the School of Nursing in the Medical Center.

Christmas stocks in these shops offer a wide selection of gifts, both for children and adults. These include a great many "stocking gift" items which sell for a dollar or less—many as little as 59 cents.

As an additional service for shoppers this year, the shops will also take orders for a number of more expensive items, such as jewelry. These are not carried in stock in quantity, but samples are



MANNY WARMAN

WITH HIS AUDIENCE including patients in wheel chairs, Chaplain R. B. Reeves, Jr. conducts a typical Christmas-time service in the Pauline A. Hartford Memorial Chapel. This picture shows the simplicity of the Christmas decorative touches used in the chapel—two unadorned but attractive trees placed on either side of the chancel.

P & S Choir to Sing Christmas Vespers

Several of the annual Christmas activities at the Medical Center are centered about the Pauline A. Hartford Memorial Chapel.

One of the most impressive programs of each holiday season is the Vesper Service conducted on the Wednesday immediately prior to Christmas under the auspices of the P & S Club of the College of Physicians and Surgeons. Traditionally, this includes singing by the P & S Choir of some sixty voices, made up by medical students, student nurses and other staff and personnel, and a Christmas sermon by a well known clergyman.

The club's Vesper Committee, chaired by Brown Dennis '58, has already completed plans for this year's candlelight service, to take place at 5:15 p.m. on December 18.

The Rev. Ralph W. Sockman, D.D., pastor of Christ Methodist Church, will preach the brief sermon. The scripture reading will be by Dr. Aura E. Severinghaus, Associate Dean for Medicine. Others who will participate in the service will include the Rev. Edwin M. Barton, director of the P & S Club; Fred Hoppin '60, the club's director of music, who will have charge of the choir; and William Munsie '59, organist.

Starting well before Christmas, three or four carol programs will be given by various choral clubs and broadcast from the Chapel over the Hospital's Bedside Broadcasting System. Chaplain R. B. Reeves, Jr. has arranged for these, as well as for Christmas music on December 22 on the regular Sunday afternoon concert broadcast.

The customary Christmas morning religious services, the Roman Catholic Mass at 7 a.m. and the Protestant Service with Holy Communion at 10:30 a.m., also will be broadcast.

on display and orders placed within the next couple of weeks will assure delivery before Christmas.

Christmas Planning

Continued from page one

by November 15, and advised that delivery, to floors, would be on December 18. They prepared to have ready, well before Christmas, over 200 fireproof indoor trees, glittering with some 9,000 ornaments; more than 700 holly wreaths, and 500 artificial candy canes.

Other plans perfected at this time included arrangements for Maintenance to handle erection and lighting of the outdoor trees; the giant 40-footer in the Chapel garden, with its more than 300 lights, and the two slightly smaller ones outside the main entrances of Pres-

byterian and Vanderbilt Clinic. They will also decorate the "permanent" tree outside Maxwell Hall. It was decided that the lights would be on nightly, from dusk until midnight, from December 18 until after Christmas.

Within a couple of days after the meeting, the Hospital's general Christmas program was practically ready. Dates for every party were definitely set, and Chaplain Robert B. Reeves, Jr. was busy programming the choral groups, carolers and special Christmas programs for the Bedside Broadcasting System.

The advance planning was so thorough that our Christmas program was complete, down to the last detail, fully three weeks before it was time to sharpen knives for Thanksgiving's turkey.



X-RAY HELPED DOCTORS DECIDE MELANIE'S DEFECT COULD BE CORRECTED. BELOW, PEDIATRICIAN AND NEUROSURGEON EXAMINE BABY AS PARENTS ANXIOUSLY WATCH. PSYCHOLOGIST FINDS HER BRIGHT, SOCIABLE.



ESTHER BUBLEY PHOTOS

Melanie's Story—She is One of 5,600 Children Cared for Here Last Year

Continued from page one

doubles the weight of the brain in the first seven months of life. Within months, blindness might dim Melanie's large brown eyes, and her alert mind might never grow much beyond baby size.

One day Melanie was lifted gently from her bed. She did not cry when the nurse preparing her for surgery carefully injected scopolamine into her small arm. When the anesthesiologists started the slow drip of sodium pentothal into her tiny vein, she slept without fear.

In the operating room, a neurosurgeon, invoking the most ancient surgical procedure known to man, trephined a small opening through the tiny skull. Then with a sharp, pliers-shaped instrument he cut away a long strip of bone an inch and one-half wide between the two parietal bones at the crown of the baby's skull. He covered the edge of the bony cut with a polyethylene strip—this would prevent the two skull bones from fusing again during the years of the brain's rapid growth.

Melanie awoke with no memory of her ordeal. Her skull wound healed quickly and, just seven days after her operation, she was ready to go home—with every prospect for a happy Christmas and many more of them in the years ahead.



SIX DAYS AFTER OPERATION MELANIE IS WELL ENOUGH FOR TRIP TO PLAY FLOOR OF BABIES HOSPITAL IN THE ARMS OF HER NURSE. MANY HANDS BEHIND THE SCENES ALSO HELPED CARE FOR MELANIE. AMONG THEM, TWO DEVOTED HANDS IN THE HOSPITAL LAUNDRY.





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 1

JANUARY, 1958

ELIZABETH WILCOX



VISITING PROFESSORSHIPS have been established in the Orthopedic Service by Dr. Frank Stinchfield, Director, "to make the country's best talent available to our orthopedic residents and medical students." First visiting professor, Dr. H. Rellon McCarroll of Washington University Medical School, is shown above on teaching rounds. Dr. McCarroll, who gave a week of his time to serve as visiting professor, said: "Presbyterian's Orthopedic Service is one of the finest I have seen, and the excellent staff tremendously interested in their work." From left: Dr. Harrison L. McLaughlin, Dr. McCarroll, Dr. Stinchfield.

Absenteeism Low In Subway Strike

That famed slogan used by the U.S. Postal Service, "Neither rain nor snow nor gloom of night shall stay these couriers from the swift completion of their appointed rounds," might well be paraphrased by the Presbyterian Hospital to go something like "Neither rain nor snow nor subway strikes shall stay these care-takers of the sick from getting to their appointed duties."

The sudden severe snowstorm the first week of December, subsequent windswept rains for day after day, followed the next week by the transportation difficulties resulting from the subway strike, were enough to make most any worker feel like throwing in the sponge—this was a good time to take sick leave or accumulated time-off days. Many New York business places reported new highs in absenteeism.

This was not true at Presbyterian, where absenteeism was so low during the trying period that it was scarcely noticeable. Several instances were found where Hospital employees not only made val-

Continued on page three

Columbia Doctors Part of Bellevue's Fame

David Hosack, a Columbia professor of medicine who performed the first arterial ligation in the U. S., narrowly escaped death at the hands of the mob who stormed a Columbia class watching a dissection in 1788. Intense popular feeling against the use of cadavers for a time threatened to put an end to U. S. medical education.

Hosack and other Columbia-Presbyterian medical men down through the years are lively figures in *Hospital City*,* a new history of Bellevue by John Starr. The long struggle of an unbroken line of devoted doctors to obtain funds to support adequate care of patients in "the great city of pain and surcease by the river" is here told from Hosack to Nobel Laureate Dr. Dickinson W. Richards of our Medical Service.

Never quite winning their battles with City Hall for enough money and better public health standards, the men and women who worked and taught at Bellevue were nevertheless able to invent the world's first ambulance service, found the first school of nursing in the U. S., pioneer blood transfusion and other medical advances.

* 10 per cent discount to Center staff.

Modern Anesthesia, Based on Exact Measures, Brings Sleep without Fear

When the patient awoke, he thought at first that the operation was still ahead of him. All he could remember was a nurse at his bedside, an injection in his arm, a pleasant drowsiness, and sleep.

It had been very different from the operation he remembered from childhood — the frightening smell of ether, a mask pressed over his face, a helpless gasping for breath.

Until his bedside conversation with the anesthesiologist the night before, Mr. Smith had not known that modern anesthesia can, for most patients, be induced almost as gently as sleep.

Now on his way to the recovery room and remarkably free from pain, Mr. Smith was unaware that for four and one-half hours a team of anesthesiologists had literally breathed for him, while piloting the complicated machinery of his body in the precise balance essential for life.

Like the pilot of a great airplane, the modern anesthesiologist takes his course from a remarkable range of electronic instruments, all of which stand ready in Presbyterian's operating rooms. These precise tools monitor blood pressure, heartbeat, the electrical impulses of the brain, ventilation of the lungs, and even the acid-base balance of the blood. The instruments supplement the anesthesiologist's constant scrutiny of the patient's vital signs — pulse, color, rate of breathing, muscle tone, eye movements.

"Measurements only yesterday considered 'advanced research' have now become standard practice in the care of many patients during anesthesia," Dr. E. M. Papper, director, Service of Anesthesiology, said.

To create the anesthesia that has opened the way for surgical repair of every part of the body, and of patients only yesterday considered too old or too sick to survive an operation, anesthesiologists can today choose from a variety of drugs.

Although many of these were unknown when William Morton first put a surgical patient to sleep 112 years ago, Joseph Priestley's laughing gas (nitrous oxide) remains a staple of anesthesiology. So does ether, inhaled as a game in Victorian parlors.

Added to these are a number of

Continued on page four

WITH ANESTHESIA MACHINE, anesthesiologist will breathe for patient during surgery. Carbon dioxide expelled from lungs is absorbed by soda lime canister in foreground. Here Dr. Clifford Bauer, resident, prepares machine before beginning anesthesia.

ARTHUR SCHATZ, BLACK STAR



REPORTERS

Accounting—Helen Hockenberger. **Building and Grounds**—Margaret Muccilli. **Babies Hospital**—Loretta Molzahn. **Chaplain**—Robert B. Reeves, Jr. **Elevators**—John J. Callahan. **Eye Institute**—Helen Meade. **Nursing Service**—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing Personnel). **Housekeeping**—Rosina Wallace. **Laundry**—Mary Minsky. **Library**—Mrs. D. W. Hood. **Mail & Messenger**—John J. Campbell. **Volunteer**—Laura Vossler. **Physical & Occupational Therapy**—Elizabeth Scully. **Protective**—Edwin H. Behmer. **Purchasing**—Gerard Walker. **Record**—Marion R. Trilling. **Social Service**—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). **Telephone**—Mrs. Ann Traino. **Vanderbilt Clinic**—Barbara Little.

STETHOSCOPIA

• **NEWCOMERS:** Social Service has announced appointment of Miss Alice Pickard as Assistant Director of Social Service, Neurological Institute. With responsibility for all Social Service work at NI, she replaces Miss Barbara Kohlsaat, who resigned to join another Medical Center activity, the Community Health Project.

Social Service has also welcomed Miss Carol Friedman, who recently completed social work training at McGill University, her home is in Montreal.

Miss Ruth Vickers, former assistant to Mrs. Louis L. M. Del Guercio in Recreational Therapy, BH-12, has been made supervisor of the department following the latter's resignation.

Miss Merrill Wagner has joined the department as assistant to Miss Vickers. Miss Merrill, who was graduated from the Sarah Lawrence College, Bronxville, last June, is from Tacoma, Wash.

• **KUDOS:** Miss Dorothy Kurtz, Medical Record Librarian, PH, presented a paper on "The Medical Record Librarian and Drug Reaction Reporting" on Dec. 28 at the Pharmacy Section session of the 124th meeting of the American Association for the Advancement of Science, held at Indianapolis Dec. 26-30.

• **HOME AGAIN:** Dr. Howard C. Taylor, 3rd, P & S '55 graduate and son of Dr. Howard C. Taylor, Jr., direc-

tor, Service of Obstetrics and Gynecology, returned home Nov. 27 after serving as medical officer to the eighteen men who spent several months at a U.S. Navy observation camp at the South Pole. Dr. Taylor expects to return to his assistant residency in surgery post at Grace-New Haven Community Hospital, New Haven, Conn., upon termination of his naval service in July.

Cynthia Bowles, first-year student in the School of Nursing, was recently interviewed by the Voice of America for overseas broadcast. The daughter of the former Ambassador to India, Chester Bowles, Cynthia worked as a 15-year-old volunteer in a children's ward in a New Delhi hospital, found the task of bringing ice, games, and general comfort to small patients so engrossing that it was hard to go home. At Home in India, a book that has sold widely, is Cynthia's story of how life in India seemed to a girl from Essex, Conn. She has wanted to be a nurse "since I can remember."

• **DEPARTURES:** Friends of Harriet B. Wright, former Instructor in Nursing in the Eye Institute, have had reports that she is enjoying the old house in Milford, Conn. which she and an old friend bought for their "retirement home." Graduating from the Presbyterian Hospital School of Nursing in 1920, Miss Wright followed her profession elsewhere, including China, before she returned to the Medical Center in 1944 to remain for thirteen years before she retired in October.

Bertrand P. Wray, Supervisor of the Presbyterian Hospital Protective Department, has resigned, effective Jan. 16, to accept a position as head of personnel and security at Poly-clinic Hospital.

Mr. Wray, who came to Presbyterian as head of Protective on Aug.

SHIP AHOY: Dr. Ruth Harris, who has been part of the Medical Center staff since her graduation from P & S in 1943, sailed for Beirut last month. Dr. Harris, who will join her husband, is on a two-year leave of absence. A pediatrician with special interest in biochemistry, Dr. Harris is known for research in liver diseases.

1, 1947, has had wide experience in law enforcement and security work. He served in the New York police department for several years, and also had service with the U. S. Treasury Department. He is a former village mayor of Mt. Kisco, N. Y., where he resides.

Joseph Oliver, painter in Maintenance and Construction, has retired after almost 20 years of service at the Hospital.

• **ENGAGEMENTS:** Florence Ann Drake, R.N., PH '54 and PH staff nurse, to Gerald O. Williams, a graduate of the Cornell Law School and now practicing law in Batavia, N. Y.

Mary Ann Fraher, typist, Purchasing Department, to William Lane of the Sperry-Rand Corp.

Joan Cook, R.N., Eve Clinic, to David B. Wells, a graduate of Princeton University. The couple plan a June wedding.

Marie L. Cormier, R.N., to Eric von Brockdorff of the Marine Midland Trust Co. A June wedding is in sight.

PHY Lila White, R.N., PH '55 and a PH head nurse, to Dr. Michael B. Gregg, assistant resident, Medicine.

Mary B. Pierce, a graduate of Smith College and the Katharine Gibbs School, to Herick C. Riddlon, 4th year medical student, P & S.

Janice Peckham, a graduate of Endicott Junior College and the Tob-Coburn School, to Earl B. Byrne, 3rd year medical student, P & S.

Judith Fain, a senior at Wheelock College, to Ira Kanter, 3rd year medical student, P & S.

• **WEDDINGS:** In the Chapel of the Riverside Church, Janet U. Ley to Dr. William Stearns, assistant physician, Medicine.

At the Frankl'n Lakes Methodist Church, Phyllis E. Kilmer, R.N., to Glen E. Gresham, 4th year medical student, P & S.

• **CONGRATULATIONS TO:** Mr. and Mrs. Samuel Feitelberg, on the birth of their daughter, Debra Ellen. Mr. Feitelberg is with the Physical Therapy Department.

In Memoriam

DR. EARL T. ENGLE

Dr. Earl T. Engle, 61, Professor of Anatomy, P & S, and a leading authority on fertility, died in Presbyterian Hospital Dec. 17 after suffering an internal hemorrhage in his office.

Dr. Engle was recipient of awards from the American Urological Association and the American Gynecological Society and other groups for his research on problems relating to human reproduction. He traveled widely to make studies of the subject, including a visit to Japan to study at first-hand the effects of radiation on atomic bomb victims. He had also done much work in the School of Tropical Medicine in San Juan, P.R. He edited several books on problems of sterility, fertility, pregnancy and kindred subjects.

Born in Waterloo, Iowa, Dr. Engle began his teaching career as an instructor in zoology at the University of Colorado in 1921. He came to Columbia in 1928 as an assistant professor in anatomy, became an associate professor the following year and a full professor

Window Awards to Be Listed Next Month

Final judging of the many entries in the Christmas Window Contest came too late for names of winners to be announced in this issue of *Stethoscope*. Those who missed seeing the list on bulletin boards are advised to watch for it in the February issue.

Art Group Meeting Set; Show Planned In April

Dr. Meyer M. Melicow, of the Urology Service, will present an illustrated talk on "Medicine and Art" at a program meeting of the Medical Center Art Association to be held January 15, starting at 7:30 p.m., in Presbyterian's 20th floor Lounge.

At a recent meeting of the Art Exhibit Committee, decision was made to have the spring Art Exhibit in April; and the Art Association will make the "Preview" showing the program for its spring meeting. The exact dates, rules for submitting entries and other details will be announced soon in *Stethoscope* and on bulletin boards.

Anyone directly connected with the Medical Center is eligible for membership in the Art Association, and will be put on the list by calling Miss Rose Marie Kirkwood, Ext. 7076.

ten years later. Dr. Engle was closely associated with the Presbyterian Hospital in providing pathology service to its Obstetrics and Gynecology Service. A memorial service was held December 20 in The Pauline A. Hartford Memorial Chapel.

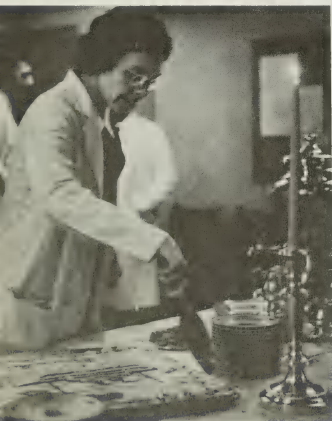
DR. OLIVER L. AUSTIN

Dr. Oliver L. Austin, 86, died recently at his Tuckahoe, N. Y. home shortly after the State Medical Society had named him the state's outstanding general practitioner for 1957. A graduate of P & S in 1896, Dr. Austin had practiced for more than 60 years. When the Lawrence Hospital in Bronxville opened in 1909, he admitted the first patient, performed the first operation and delivered the first baby.

Tea for New 100-Hr. Volunteers January 29

About 125 volunteers will be awarded the Presbyterian Hospital pin for their first 100 hours of service at the annual tea in their honor, to be held in Maxwell Hall on Jan. 29 between 4:30 and 7 p.m.

Mrs. George Perera, chairman, has announced that Dr. Lawrence C. Kolb, Director, Service of Psychiatry, will be the speaker at the affair. Serving with Mrs. Perera on the committee are: Mrs. Ralph Boots, Mrs. Louis Connick, Mrs. Rolla J. Masselink, Mrs. Willis I. M. Reese, Mrs. Conrad M. Riley and Mrs. Benjamin Strong.



Doings of Doctors...

Dr. George H. Humphreys, II, Director, Service of Surgery, is chairman of the conference planning committee for the fourth annual conference on cardiovascular diseases sponsored by the New York Heart Association, scheduled for Jan. 28 at the Waldorf-Astoria Hotel. This year's principal subject is cardiovascular surgery.

* * *

Dr. Edward L. Howes, Associate Attending Surgeon, PH, and Associate Clinical Professor, P & S, was an essayist at the Fourth Annual Seminar on Wound Healing, sponsored by the Rowe Smith Memorial Foundation, held Dec. 8-11 at Caddo Lake, near Karnack, Texas. Dr. Howes covered six topics in that many appearances on the seminar programs.

P & S Construction Work Will Last Until June

All of the recent activity in the off-set court area between Presbyterian Hospital and P & S, such as the raising of huge steel beams and other materials to the top floors, is part of an extensive expansion program of the medical school's Animal Care Department which began last July and will not be completed until June.

The construction work entails the rebuilding of the east section of the 17th floor; new construction on the 18th, replacing the old greenhouse there, plus some remodeling; and erecting an entirely new 19th floor over the area where the greenhouse stood. The 19th floor west is being remodeled. Modern lighting and ventilating will aid greatly the work of this Department.



A NEW "FUN" ACTIVITY recently started by distaff members of the Accounting Department is a bowling team which enjoys this recreation every Wednesday night. Thus far, the Accounting girls have bowled only among themselves, but they would like competition if any other Hospital group wishes to organize a team and issue a challenge. The bowlers above are: (kneeling, l. to r.) Julia Arndt, Blanche Hawley, Adeline Tassone, Mary McCabe; (standing) Betty Krause, Barbara Burke, Mary Boccia, Madeline Farrell, Catherine Williams and (only partly seen) Betty Dixon. Two other members, Betty Lowrie and Ella Joyce, are missing from picture.

Absenteeism Low In Subway Strike

Continued from page one

iant efforts to get to work but to get there on time.

There was, for example, the Laundry worker who left his Staten Island home at 3 a.m., day after day, to get to his job at his regular time. (He turned down an offer of Hospital sleeping facilities because of a sick wife at home.) It was discovered that several graduate nurses, living in outlying areas, started as early as 9:45 p.m. to make sure of being on time to go on duty at midnight.

In Food Service, pantry maids, some living many miles away, paid taxi fares to be on the job at 6:30 a.m. The troubled days brought a real spirit of *camaraderie* and co-operation, and in several departments car pools were organized by groups living in Queens, Brooklyn and New Jersey.

Such valuable services as telephone and mail were not disrupted in the slightest, since faithful employees kept these departments fully staffed.

During both the snowstorm and the strike, provisions were made for key staff and personnel members to sleep at the Hospital if they so desired. Miss Lillian C. Brown, Presbyterian Unit Manager, in charge of these arrangements for persons other than in the Nursing Service, which handled accommodations for nursing staff, provided beds for professional staff members in the House Staff quarters on PH-2 and for others in the Nursing Demonstration Rooms, PH-15. "Customers," however, were surprisingly few. There were only two on each of the first two nights of the subway strike.

This arrangement will prevail for similar emergencies in the future, with Miss Brown and the Nursing Service taking care of accommodations. (A good thing to know and remember in case the Old Farmer's Almanack is correct in predicting a February blizzard.)

Nurses Kittle, Healy Receive Scholarships

Miss Elizabeth Kittle, Assistant Head Nurse, NI-9, and Miss Mildred Healy, Graduate Staff Nurse, PH-10, are the winners of Arthur Williams Scholarships for Graduate Nurse University Study.

The scholarships are made available to graduate nurses under the will of the late Arthur Williams, philanthropist, of Roslyn, N. Y. Worth \$500 each, they are for the 1958 spring semester. The scholarship winners have been granted leaves of absence to attend Teachers College, Columbia University, for a semester's full-time study. This will enable them to complete their studies for a B.S. in Nursing Education.

Dental School Christmas Celebrants Have Fun Playing Santa's Helpers

"I think we had so much fun we forgot we were in the hospital."

This concluding sentence to a post-Christmas "thank you" letter written by a small patient in Babies Hospital offers a clue as to why Dental and Oral Surgery's annual Christmas party creates an enthusiasm among its participants which is probably unmatched by any other group in the Medical Center.

ELIZABETH WILCOX



DEAN SMITH AND HIS SECRETARY, Miss Ann Emmerich, had opportunity to try different arrangements of toys — and perhaps try some of them out — as the collection accumulated prior to the DOS party. This is only a small part of the total collected, since all then on hand would not show in picture — and many more came in after it was taken.

It was in 1948 that Dr. Maurice J. Hickey, then Acting Associate Dean (he became Associate Dean the following year) of the Dental School, decided it would be a nice idea that everyone invited to the Christmas party be urged to bring a toy or other gift suitable for patients in Babies Hospital. More than a hundred gifts were collected, and the happy faces which resulted from their distribution brought the immediate decision that this would have to be an annual activity.

It soon became the practice that anyone invited to the party would send along a gift or gifts (for most send more than one), even though unable to attend. Patients learned of the practice and some requested, and were granted, the privilege of getting in on the fun.

The volume became so great that it was impractical to haul the gifts over from Bard Hall, scene of the party, and in recent years they have been left with Mrs. Sally Webster, secretary in the Dental School Admissions Office, who this year was in charge of this phase of the party for the seventh time. Just before Christmas, the stacks of toys in Mrs. Webster's office reach such proportions that the uninitiated visitor would likely get the impression that this surely must be an annex to Santa's work shop.

Dr. Gilbert P. Smith, who succeeded Dr. Hickey as Associate Dean on November 1, 1956, was happy to lend his aid in continuing the project, and was pleased that the second toy collection under his deanship, this year, was highly successful.

After the holidays, Dean Smith and his staff look forward to the

little "thank you" letters, so heartwarming that one makes a mental note to buy an *extra* present next year.

Accounting Group Goes to Party Bearing Gifts

As part of their assist to Santa Claus for the fifth straight year at the Christian Home for Children at Fort Lee, N. J., a group from the Hospital Accounting Department attended the home's Christmas party on Dec. 19 and took with them the presents collected for 44 children.

Originated by Mrs. Elizabeth Dixon of Accounting, this plan calls for a member of the department to be responsible for providing clothing, toys and other gifts for a child of their choice, selected early in November. Some have kept the same Christmas "protégé" for year after year, while others prefer to change. The presents are assembled in time for presentation at the home's party and Nativity Pageant.



TRAINING OF 26 RESIDENTS is key part of work of Anesthesiology Service. In operating anteroom, Dr. Bauer, resident, begins work, intently scanning his patient.



IN OPERATING ROOM curare is added to fluids flowing into patient's vein. The operation is a major one, and Dr. George Kennedy, left, assists in anesthesia.



DR. BAUER gives patient oxygen and cyclopropane through machine, watches for signs that operation is at point where anesthesia can be lightened.

Modern Anesthesia, Based on Exact Measures, Brings Sleep without Fear

Continued from page one

new drugs. Some of these (like curare used by South American Indians to poison their arrows) are so powerful that only wide knowledge of human physiology makes it possible for anesthesiologists to use them. Others, like the new powerful and noninflammable vapor, Fluothane, recently introduced at Presbyterian, depend on the use of newly developed metering instruments.

Six Anesthetic Agents Chosen

For Mr. Smith, for example, Presbyterian anesthesiologists chose six different anesthetic agents. The choice was based on careful examination of Mr. Smith, study of his medical history, and the results of laboratory tests.

Mr. Smith's safe journey through major vascular surgery began with a leisurely bedside talk with his anesthesiologist, in which he learned that he need not worry about his old fear—the suffocating onset of oldtime inhalation anesthesia. With much of his anxiety lifted, Mr. Smith was able to sleep all night without sedatives.

Fluid in Vein Brings Gentle Sleep

In the early morning, a mixed injection of an analgesic and a sedative made Mr. Smith drowsy and largely unaware of being moved up to the operating floor. When the anesthesiologist, working in a quiet operating anteroom, began the drip of sodium pentothal into his vein, he quickly slept.

From time to time through the operation, the mixture dripping into his arm vein would be varied according to the shifting needs of his body—saline solution might be introduced to maintain electrolyte balance, glucose to maintain blood sugar level, whole blood should there be excessive bleeding.

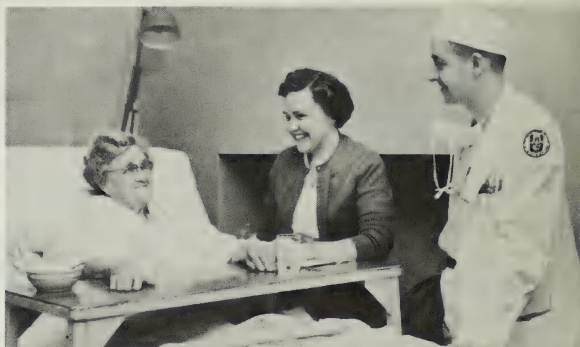
When Mr. Smith was wheeled into the operating room he was still, although unconscious, able to breathe for himself. Now the anesthesiologist hooked his anesthesia machine into a tube leading to the patient's lungs. By squeezing the rubber breathing bag of this machine, the anesthesiologist supplied a balanced mixture of oxygen and cyclopropane at a pace carefully matched to Mr. Smith's own rate of breathing.

Now, with the anesthesiologist breathing for his patient, a carefully determined dose of curare could be added to the fluid dripping into the vein. Curare would relax all the muscles of the patient's body and make it easier for the surgeon to enter his abdomen and make essential repairs therein.

Speed No Longer the Measure

Mr. Smith slept evenly in the light plane of cyclopropane for four and one-half hours while a surgical team accomplished the feat of rechanneling the vessels carrying blood through his liver. It was a long way from the days when surgeons "operated on the quick like runners" and surgical skill was measured by whether an amputation could be made while a bystander took a pinch of snuff.

Meanwhile, in Medical Center research laboratories, anesthesiologists worked to devise even better instruments and to acquire still more knowledge of the delicate chemistry of the body—resources that will make release from pain steadily easier and safer (see photos). Among the many facts Presbyterian anesthesiologists seek in laboratory studies are clues to the still impenetrable mystery of just how anesthetic agents act on the sleep center of the brain stem and on other parts of the brain to produce their effects.



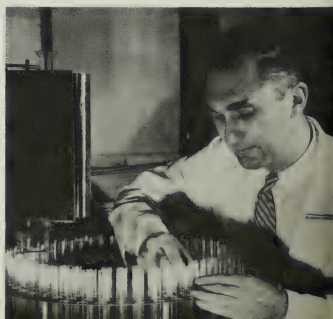
PHOTOS BY ARTHUR SCHATZ, BLACK STAR

BEDSIDE VISIT by anesthesiologist before surgery helped in choice of anesthesia, allayed anxiety. Bright spot of day is second visit with patient, now getting well, above.



CONTINUOUS FLOW fluorophotometer may some day provide a fast way to measure heart output during surgery. Instrument permits rapid estimation of fluorescent dye in moving stream of blood. Study by Dr. Duncan Holaday, left, and Dr. Lester C. Mark.

INTRICATE SYSTEM for tracing changes in organic acids in liver of rat after anesthesia may someday show how to better protect patients from an anesthesia risk—failure to remove enough carbon dioxide from bloodstream. Liquid phase chromatographic study by Dr. Herbert Rackow, right, Dr. Ernest Salanitre, Dr. Holaday.





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 2

FEBRUARY, 1958



DR. MORGAN with Johns Hopkins' Drs. Howe and Bodian, all in bronze above.

Dr. Mountain Honored, In Polio Hall of Fame

Among seventeen leaders in the fight against polio memorialized in bronze last month in the Polio Hall of Fame is Dr. Isabel Morgan Mountain, a microbiologist assigned to the Service of Pediatrics.

Dr. Morgan is the only woman among the pioneers honored by bronze heads unveiled when the National Foundation for Infantile Paralysis dedicated the Polio Hall of Fame at Warm Springs, Ga. She attended the dedication ceremonies as did all but one of the eleven living scientists honored.

The line of bronze heads documented a well-known fact: dramatic advances like an effective polio vaccine are the results of a chain of creative scientific effort. For polio the chain stretches back to the last century: to Stuttgart where Jacob von Heine first clearly described the disease, to Vienna where the great Karl Landsteiner showed that polio virus could infect experimental animals.

Among the living scientists honored are Dr. Jonas E. Salk who developed the polio vaccine now in wide use, Dr. John F. Enders who won a Nobel Prize for showing how to grow the polio virus in non-nerve tissue, and Dr. Albert B.

Continued on page two

848 Volunteers Paid Tribute at Annual Tea

The 848 volunteers who last year gave a total of 81,640 hours of service to the Presbyterian Hospital were honored at a tea held on January 29 at Maxwell Hall.

Executive Vice-President Alvin J. Binkert cited, in special recognition, seven volunteers who contributed more than 1,000 hours of service in 1957 and 71 who have had five or more consecutive years of service. He also presented pins to 120 who had completed their first 100 hours of service last year. Acting President Frederick A. O. Schwarz spoke briefly in appreciation of the work of the volunteers.

Principal speaker on the program was Dr. Lawrence C. Kolb, Director, Service of Psychiatry, whose subject was "The Contribution and Problems of the Volunteer on a Psychiatric Service." With a series of his own photographs, Mrs. Herbert B. Wilcox, Jr. gave a visual presentation of "Volunteers in Action." Miss Laura Vossler, Director of Volunteers, reported on "Highlights of 1957." Mrs. Casimir deRham, President, Board of Women Managers of Babies Hospital, presided.

Heading the "honor" volunteers for 1957 was Mrs. Dorothy Paschal, with 2,246 hours. Others were Mrs. Olga Zarganis, 1,912; Miss Maud Musgrave, 1,597; Mrs. Katalin Kallay, 1,518; Morris Feld, 1,216; Mrs. Marion Ware, 1,098, and Mrs. Deborah Epstein, 1,000.

Three women lead in consecutive service with 15 years each. They are Mrs. Ralph H. Boots, Mrs. Louis Connick and Mrs. Ethel Herrmann.

Annual Medical Center Art and Crafts Show Later This Year, Scheduled for April 14-25

Announcement was made at the January 15 meeting of the Medical Center Art Association that the eighth annual Arts, Photography and Crafts Exhibition, in which all members of the Center "family" are eligible and invited to submit entries, will be held April 14-25, inclusive.

The exhibit will again take place in the Rendezvous Room, the women's lounge on the 20th floor of Presbyterian Hospital.

Plans call for a "Preview" showing for exhibitors, Association members and invited guests on the evening of Monday, April 14, with the exhibition being open to the public the following day and con-

Busy Hospital Laundry Would Provide Do-It-Yourself Tips for Housewife

Of the several mostly unseen, and usually unsung, behind-the-scenes services which contribute to a patient's care in Presbyterian Hospital, Laundry Service is one of those which would have a very high interest for the average housewife—especially if she is one who does her own family wash.

The Hospital laundry would be interesting to her partly because of the size and efficiency of its operation, and partly because she might pick up some tips on how she could make her own much smaller-scale operation both more efficient and less expensive.

Figures and statistics are, as a rule, dry mental fodder for the average reader. But they are necessary in any story on the laundry to give a quick picture of the tremendous volume of work that it does and the importance of that work. Some of these statistical highlights are:

Last year the laundry did 6,500,000 pounds—3,250 tons—of work.

In peak weeks, the volume reaches 135,000 pounds—62½ tons.

It handles 215 different items. (A large hotel has only 45.) Cost per patient care day is 91.5 cents.

Average daily patient use is 14.4 pounds. (A hotel uses 10 pounds per guest, plus replacements.) Cost per pound is 6.4 cents.

Besides laundry for patients, the laundry does work for nearly 2,000 employees who use Hospital-purchased uniforms, plus nurses' uniforms.

Located near the corner of 168th Street and Fort Washington Avenue and entered through the Medical College basement, the laundry

Continued on page four

ELIZABETH WILCOX



LAUNDRY PROCESS begins, above, when Salvatore Puma takes soiled laundry from bag lift on fifth floor, ends on first floor, below, where Betty Gartley fills supply requisition from cart of clean laundry. See page four for operations in-between.



REPORTERS

Accounting—Helen Hockenberger. Building and Grounds—Margaret Mucilli. Babies Hospital—Loretta Molzahn. Chaplain—Robert B. Reeves, Jr. Elevators—John J. Callahan. Eye Institute—Helen Meade. Nursing Service—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing Personnel). Housekeeping—Rosina Wallace. Laundry—Mary Minsky. Library—Mrs. D. W. Hood. Mail & Messenger—John J. Campbell. Volunteer—Laura Vossler. Occupational Therapy—Elizabeth Scully. Protective—Edwin H. Behlmer. Purchasing—Gerard Walker. Record—Marion R. Trilling. Social Service—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). Telephone—Mrs. Ann Traino. Vanderbilt Clinic—Barbara Little.

STETHOSCOPIA

• **KUDOS:** Miss Laura M. Vossler, Director of Volunteers, was a recent appointee to serve for a one-year term on the Council on Hospital Auxiliaries of the American Hospital Association. She is one of ten members, representative of all sections of the country. During the previous year, Miss Vossler was a member of the Committee to Develop Program for Directors of Hospital Volunteers.

• **TRAVEL:** Mrs. Jennie Halvorsen, Basal Metabolism, PH, has gone on a combined vacation-honeymoon to her native Norway. She came to the Hospital in 1955 and worked in the Record and X-ray Departments. Mrs. Halvorsen expects to return to PH when her sight-seeing is completed.

Mrs. Helen Gostine, staff nurse, Mary Harkness Convalescent Home, has been enjoying a winter vacation in Florida.

• **DEPARTURES:** Members of the Nursing Department gave a farewell party January 15 in honor of Mrs. Eleanor Mackenzie, who is retiring this month to her home at Coopers-town, N. Y. A 1916 graduate of the PH School of Nursing, Mrs. Mackenzie has a wide acquaintanceship in the Hospital. She has been on the N.I. Nursing Staff since June, 1954.

Other retirements brought by the beginning of 1958 include: Jessie Aitken, Nurses' Aid, Sterile Supply; Howard Daniel, Fireman, Engineering; Alice Lind, Technician, X-ray; and James Devlin, Special Officer, Protective.

Marilyn Geller, secretary to Dr. E. V. Zegarelli, Associate Attending Dental Surgeon, has left us to go to California to make her home there.

At the Mary Harkness Convalescent Home, departures include Eileen Nolan, ward aide; Elizabeth Reiner, Food Service, and Gus Huebner, groundsman.

• **WEDDINGS:** Nell-Elizabeth Powers, Basal Metabolism, PH, married Thomas P. Delaney of the Atlantic & Pacific Tea Co.

Rosalind Hilsen and Allan S. Troun-pin, both 2nd year medical students, P&S, were married at a ceremony held at the Tavern on the Green.

• **ENGAGEMENTS:** Marianne Taft, head nurse, PH, to Capt. Donald M. Marcus, Medical Corps, USA. Capt. Marcus, a graduate of P&S and who served his internship and residency at PH, is a research associate at the Walter Reed Army Institute of Medical Research.

Beverly Roberts, general duty nurse, PH, to John L. Mulder, a graduate of Hobart College. A Fall wedding is planned.

Nancy Fletcher, senior student in the School of Nursing, to Ens. Lincoln D. Cathers, a graduate of Webb Institute of Naval Architecture.

Herbert L. Cooper, 4th year medical student, P&S, to Ruth Seiden, a graduate of Smith College and teaching assistant at Ohio State University.

George C. Wilson, Jr., 3rd year medical student, P&S, to Gail Dreyfuss, a student at Vassar College. A summer wedding is planned.

Dr. and Mrs. Harold W. Jacox, have announced the engagement of their daughter, Elizabeth, to James C. Warner. Dr. Jacox is Professor of Radiology, P&S, and Attending Radiologist, Department of Radiology, PH.

Dr. and Mrs. George A. Perera have announced the engagement of their daughter, Marcia, to Lieut. Nicholas B. Van Dyck. Dr. Perera is Associate Professor of Medicine, P&S, and Associate Attending, Department of Medicine, PH.

• **CONGRATULATIONS TO:** Dr. and Mrs. John D. Piro, on the birth of their first child, a baby boy, born on January 15. Dr. Piro is Assistant Attending Dental Surgeon, Department of Dentistry.

Mr. and Mrs. Eugene Mozzillo, on the birth of their son, Michael Nicola, born in Sloane. Mr. Mozzillo is with Maintenance and Construction.

ELIZABETH WILCOX



THE SMILING COUNTENANCE of Katherine Kennedy is now missed at Maxwell Hall, where she served as desk clerk for 28 years before her recent retirement. Picture was taken at a farewell tea which Maxwell Hall residents gave in Miss Kennedy's honor.

Chef Sculptures Nativity in Gingerbread

ELIZABETH WILCOX



Two of the more recent masterpieces sculptured by Rene Trotter, Presbyterian Hospital pastry chef, are pictured in this issue of *Stethoscope*.

Cakes for such occasions as retirement or bon voyage parties, such as that being admired by Miss Katherine Kennedy (this page), are turned out frequently by Mr. Trotter and he considers these all in a day's work.

More difficult was the Nativity Scene which was on display during

the Christmas season in the Main Cafeteria, where Mr. Trotter is shown putting on final touches in accompanying picture. This was sculptured in gingerbread and required many hours of painstaking work.

The pastry chef with the artistic touch came to the hospital in 1949. Prior to that he had practiced his art at the old McAlpin Hotel, as chief pastry chef for Louis Sherry's catering service, and at his own pastry shop.

Dr. Mountain Honored, In Polio Hall of Fame

Continued from page one

Sabin who has developed a vaccine based on live polio virus.

Dr. Morgan's place in the Polio Hall of Fame recognizes work she carried out at Johns Hopkins at the age of 36. She was the first to succeed in using an inactivated vaccine to protect monkeys against polio—a form of protection which researchers had been trying to achieve for almost 40 years.

The vaccine Dr. Morgan successfully used in monkeys was made from polio virus killed by formalin, and this is the basis of the Salk vaccine. But at that time the virus strain used to produce the vaccine had to be grown in nerve tissue, and this held the danger of provoking serious nerve reactions, if the vaccine were to be developed for human use. Not until Dr. Enders found a way to grow virus in non-nerve tissue was the way opened for development of a vaccine safe for humans.

Dr. Morgan's experimental work with monkeys also helped to show the level of antibody necessary to protect in different parts of the body. At Johns Hopkins, in collaboration with Dr. Howard A. Howe and Dr. David Bodian, Dr.

Morgan established a basis for classifying polio viruses into three basic types. Then other laboratories joined in a cooperative program for studying and classifying 100 strains of polio virus isolated in various parts of the world. The program succeeded in assigning each of the strains to one of the three types of polio virus, and thus defined for the first time the three virus types necessary to prepare an effective vaccine against the three diseases commonly called polio.

Joining the Medical Center staff in 1953, Dr. Morgan is now a member of a polio research team led by Dr. Hattie E. Alexander working in the microbiological laboratories of Babies Hospital.

Dr. Morgan is also Mrs. Joseph D. Mountain. The Mountains live in White Plains with a 17-year-old son, Jim, and a German shepherd, Honey, spend week-ends skating, swimming, or sailing on Lake Waccabuc.

Scientific eminence is a family tradition. Dr. Mountain's father, Thomas Hunt Morgan, Columbia's great geneticist, won a Nobel Prize for showing that cell chromosomes are the carriers of genes, the units of heredity.

Roll of Honor...

Dr. A. Raymond Dochez's distinguished contributions to medicine were honored by the Academy Medal of the New York Academy of Medicine. He is the eleventh physician to be so honored in the last twenty-eight years.



Dr. Dochez worked out methods for producing and using serum against pneumonia, and also established with Dr. Yale Kneeland, Jr. and Mrs. Katherine M. Price that the common cold is caused by the action of viruses. He also showed the relationship of hemolytic streptococcus to scarlet fever, and developed an antitoxin for that disease. Dr. Dochez is John E. Borne Professor Emeritus of Medical and Surgical Research at Columbia University.

James Sheridan is New Protective Supervisor

James A. Sheridan is new Supervisor of Presbyterian Hospital's Protective Services, succeeding Bertrand P. Wray, whose resignation was effective January 16.

Mr. Sheridan has just retired after service since 1936 with the New York City Police Department, where he had attained the rank of sergeant. He had served for a time as president of its Sergeants' Benevolent Association. He is married, has three children and resides in Bayside, L. I.

Dr. Cahill Recipient of Barringer Medal

The chief award of the American Association of Genito-Urinary Surgeons has been given to Dr. George F. Cahill, the former director of the Urological Service, now consultant to the Hospital. The Barringer Medal honors Dr.

Impressive 'Murals' Difficult to Judge

One of the largest and, according to veteran judges, one of the best collections of such "murals" ever seen at the Medical Center was the universal verdict on the 1957 Christmas Window Decorating Contest.

Nearly 70 windows were entered for official judging, but the total number displayed throughout the Medical Center ran into the hundreds. Many, of course, participate in the window decorating just for the fun of it, without intention of submitting an entry in the official contest.

With subject matter ranging from spiritual to hilarious, the contest entries gave the judges an extremely difficult task to select five first and five second prizes and 10 honorable mentions. In a uniform point system of judging, the five firsts received from 34 to 39 points, with seconds getting from 31 to 33 points—with two ties of 32 each and two of 33 each.

First prize winners were as follows:

VC-3 Urology—Eva M. Tanner and Roger Logan, with a several-part display showing the origin of various types of Christmas bells. (This same team also won a first in 1956.)

PH-12-E—Dr. Robert Bertsch and Beverly McCarty, student nurse, depictions of the Three Wise Men and others who followed the Star of Bethlehem to the Nativity.

IOPH-4 Nursery—Joan Fraser, R.N., with jolly Santa and cherubs.

PH-8-C Nurses' Station—Joan Wheaton, R.N., with Virgin and Child.

Cahill's "clinical and surgical contribution on diseases of the adrenal gland, which is recognized throughout the world." The medal was presented by Dr. George W. Fish, Professor of Clinical Urology. This medal has been awarded only once before, to Dr. Charles Huggins of Chicago, who first showed sex hormone relationships to cancer of the prostate.



CONTEST CHAIRMAN Cecile Covell presents first prize award to Dr. Robert Bertsch and Beverly McCarty.

VC-10 Lilian Vahey, with scene of the Wise Men's journey in a series of panels showing the Nativity story.

Second prize winners were: BH-1—Hope Barrett (who won a first in 1956); HP-4-DPPO—Jennie Pino and Jean Barry (same team won a first in 1956); PH-1-137—Maureen Hayes and Anita MacDonnell; VC-2—Barbara Hasten and Jane Andrews; NI-1—Miss Cecile Covell, R.N.

The honorable mentions were: VC-1 Cashiers—Mary Ann Garrahan; IOPH-1—Emil Descartes, messenger; HP-2 Nurses' Station—Grace Hopper, R.N., private duty; PH-11 Entrance—Mrs. W. Rinschler; PH-16 Entrance—Theresa Moras, nurses' aide; PH-10-E—Combined effort of several nurses, a patient and an orderly; PH-8—Service of Medicine staff; PH-5-E—Carmen Temmert, nurses' aide; PH-8-W—D. Johnson, a patient; NI-4—Barbara Hennessy, R.N.

The judges who gave considerable time and effort to that phase of the contest were: Miss Cecile Covell, Miss Marion D. Cleveland, Mrs. Florence Moore, Miss Harriet Phillips, Dr. Henry S. F. Cooper, Dr. Meyer M. Melicow, Dr. Robert G. Bertsch, Chaplain Robert B. Reeves, Jr. and Ivan Summers.

Center Art Exhibit Set for April 14-25

Continued from page one

a record number of entries," stated Miss Cecile Covell, chairman of the Art Exhibit Committee.

Original work which will be eligible for entry takes in fine art, including painting, sketches and sculpture; art photography (but not clinical studies); and such crafts as leather and silver work, ceramics, weaving and needlecraft.



PHOTOGRAPHER CAUGHT Eva M. Tanner and Roger Logan at work on their artistic story of Christmas bells, later to win a first prize.

More than one category may be entered, but anything shown at a previous Medical Center exhibition is not eligible for repeat showing.

Entry blanks, for submittal between April 1st and 7th, will be available in ample time. An explanation of these, along with the complete rules, will be carried in the March issue of *Stethoscope*.

At the Association's January meeting, the program feature was an interesting illustrated talk on "Medicine and Art" by Dr. Meyer M. Melicow, of the Urology Service. Coffee was served by Miss Covell and Miss Marion D. Cleveland of the Nursing Service.



DR. CAHILL with Dr. George W. Fish, who presented the Barringer Medal.

Busy Hospital Laundry Would Provide Do-It-Yourself Tips for Housewife

Continued from page one

occupies five floors. Under direction of John J. Nelán, with the Hospital for 27 years and laundry supervisor for the past 10 years, the plant was completely modernized in 1948, with building alterations and new equipment costing approximately a half-million dollars. The plant, for the most part, is still considered thoroughly modern.

Efficient operation of the laundry is largely due to its design. This is a vertical operation, working on what might be called a gravity flow principle. Brought first into the basement, soiled laundry is carried to the fifth floor by



LAUNDRY SUPERVISOR John Nelán.

ALL PHOTOS BY ELIZABETH WILCOX



RUBIN MALDONADO's "wringer" has 2,300 pounds pressure per square inch.

chines, the larger ones with a capacity of 350 pounds dry laundry. Timing depends on the articles being washed, with sheets usually given 33 minutes. Wet wash next goes into moisture extractors; those with buttons into drum-like spinners, which turn at 700 r.p.m., and the bulk of linens into a hydraulic press from which they emerge in one big square block, with water squeezed out by pressure of 2,300 pounds to the square inch.

It is here that know-how contributes to efficiency and where the visiting housewife might learn something of value from Mr. Nelán's lengthy experience.

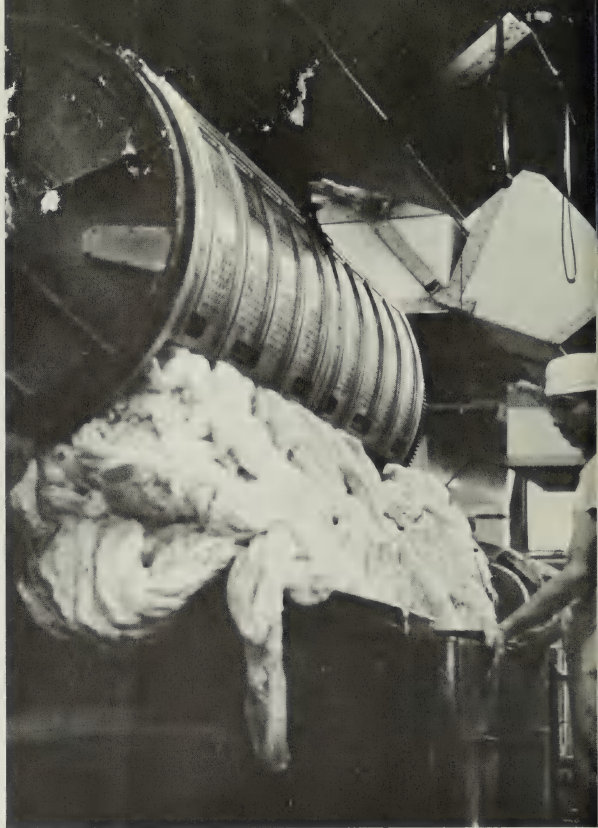
He figures that the average load which goes into a home washing machine is nine pounds, and that the operator may use as much as a half-pound of soap in a hard water locality. He uses eight ounces of soap per 100 pounds—but "boosts" this with two ounces of silicate to serve as an alkali. This proportion might vary slightly at times, depending on the condition of the load. (Hospital laundry comes in two classes—either slightly soiled, or *extremely* soiled.)

endless chain conveyors, and when it gets back there again by means of chutes and dumb-waiters it is clean, dry, ironed if required, and folded—ready for its destination.

The third floor handles the washing operation. Everything from a washcloth to large sheets go into its several washing ma-



GERDA LEVY's button sewer puts on new one in seconds.



HUGE WASHER (capacity, 350 lbs., dry) is unloaded by Miguel Reyes.

"This makes all the difference," Mr. Nelán explains. "The booster reduces the water hardness to zero. Soap alone would not do it."

On the second floor are the big automatic ironers which handle the larger items. The largest, ironing flat work such as sheets, do 10,000 pieces a day. An automatic folder puts two length-wise folds into a sheet, final folds being done by hand.

Smaller ironers, operated by hand for such items as uniforms,

are found on the first floor. Final folding is done here on numerous articles, and in this process the need for small repairs is usually spotted. They are done on the spot on a battery of sewing machines located in one corner area. One ingenious gadget sews on a new button in a matter of seconds.

The laundry does the nurses' uniforms, including ironing, but Mr. Nelán draws the line on their caps. But this is another story which will be told at another time.



PRESSING UNIFORMS, Bernice Brown operates three steam presses as a single unit.

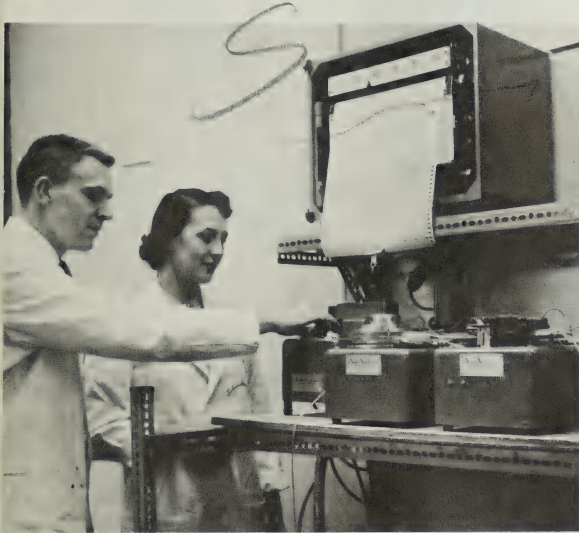


The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 3

MARCH, 1958



ELIZABETH WILCOX

AUTOANALYZER and admirers: Lee Ball, left, technician, and Terry Martino, supervisor, Laboratory of Clinical Chemistry.

Automation in Diagnostic Laboratory Cuts Blood Test Time to Six Minutes

Since medical science discovered reliable clues to health and disease in the ever-changing chemistry of the human bloodstream, a high tide of diagnostic tests has threatened to overwhelm hospital laboratories.

As one test after another was added to diagnostic resources, demand for tests soared above the number of trained technicians who could be found to make them. Nor did there seem a way to speed up delicate laboratory procedures requiring not only trained hands and eyes, but also a forest of flasks and funnels, beakers and bottles.

Now yesterday's bottleneck is giving way to a smooth flow through plastic tubing, along which electronic eyes read color changes in minute blood samples and electronic pens record the results on a moving chart. Automation, a word likely to change our future, has invaded an unlikely locale—the diagnostic laboratory.

In Presbyterian's Laboratory of Clinical Chemistry, four machines are doing what no one guessed machines could ever do—completing approximately 40 blood tests in one hour. It might take a laboratory technician more than a day to do this many routine tests.

For the patient, the Autoanalyzer means fast decisions at a time when they count the most. Sample:

Continued on page four

Teen-Age Volunteers to Don Candy Stripes

As one phase of the Hospital Volunteer Department's plans for expansion of its program for teenagers, about 30 girls in this group will soon be seen in attractive peppermint-striped uniforms.

"We hope to enlarge our teenager program in line with the emphasis on 'Hospital Careers,' the theme for Hospital Week on May 11-17," explains Miss Laura Vossler. "Volunteer work in the hospital is an excellent way of channeling

Continued on page three

'Old Timer' to Crow for 33 Additions, Making 535 in Center's 25 Year Club

"Old Timer," the Medical Center 25 Year Club mascot, will make his annual public appearance on March 20 to greet 33 new members.

Acting President Frederick A. O. Schwarz and Dr. Cushman D. Haagensen, Service of Surgery, will be the principal speakers at the club's 12th annual dinner. It will be held at Bard Hall, with a pre-dinner get-together from 6 to 7 P.M. and dinner starting at 7.

The 33 additions will make a total membership of 535. Nearly half of this number began their service with Presbyterian Hospital—or one of the hospitals later affiliated with it as one of its component units—30 years or more ago. Thus, they can recall when "Old Timer" was the weather vane rooster which proudly surmounted the old Presbyterian Hospital building on 70th Street.

In addition to staff and personnel, the roster includes 20 trustees and corporation members and, with this year's addition of Mrs. William A. Rockefeller, of the Women's Auxiliary of Presbyterian Hospital, 38 representatives of women's auxiliaries.

Seventeen new members from professional staff are: Dr. Edward Applebaum, Dental Anatomy; Dr. Daniel N. Brown, Medicine; Dr. Raynold N. Berke, Ophthalmology; Dr. Stanley M. Bysshe, Obstetrics and Gynecology; Dr. Harry A. Galton,

Continued on page four

Hospital Teams Exceed Quotas in UHF Drive

The six teams from Presbyterian Hospital which participated in the 1957 United Hospital Fund campaign went "over the top" by the very gratifying aggregate total of \$50,572.53.

Figures released after the "quotas" phase of the campaign closed on January 31 showed that Presbyterian teams had raised a total of \$215,202.53. Their quotas had been set at \$164,630.

The Trustees and Joint Professional Teams with Thatcher M. Brown, Jr., and Dr. Henry S. F. Cooper as their respective chairmen, accounted for nearly half (\$23,120.24) of the over-quotas total. The others exceeded their quotas in amounts ranging from about \$4,200 to \$8,000.

Continued on page three



MANNY WARMAN

All uniforms worn by volunteers, including one so new it was being displayed for the first time, were represented at the recent tea honoring 1957 volunteers. Picture shows Alan Michael Gutman, man volunteer; Carol Pedersen, Junior Red Cross; Mrs. Grace Sternitzke, Gray Ladies; Rose Marie Kirkwood, Red Cross Nurses' Aide (seated); Mrs. Alma Worden, pink-smocked volunteer; and Ines Hirst, whose new candy-stripe uniform for teen-agers is being admired by the others.

REPORTERS

Accounting—Helen Hockenberger. Building and Grounds—Margaret Muccilli. Babies Hospital—Loretta Molzahn. Chaplain—Robert B. Reeves, Jr. Elevators—John J. Callahan. DOS—Mrs. Florence Moore. Eye Institute—Helen Meade. Nursing Service—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing). Housekeeping—Rosina Wallace. Laundry—Mary Minsky. Library—Mrs. D. W. Hood. Mail & Messenger—John J. Campbell. Occupational Therapy—Elizabeth Scully. Protective—Edwin H. Behlmer. Purchasing—Gerard Walker. Record—Marion R. Trilling. Social Service—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). Telephone—Mrs. Ann Traino. Vanderbilt Clinic—Barbara Little. Volunteer—Laura Vossler.

STETHOSCOPIA

• DEPARTURES: Miss Virginia Sorby, R.N., assistant to the superintendent of the Mary Harkness Convalescent Home since September, 1956, has resigned to reenter service in the U. S. Navy and leaves this month for the Naval Hospital at San Diego, Calif., to await orders.

Born at Fremont, Neb., Miss Sorby attended the University of Nebraska, then came to our School of Nursing, Class of '51. She spent two years and eight months at the Naval Hospital in Oakland, Calif., retiring in 1956 with the rank of Lieutenant (j.g.).

• ENGAGEMENTS: Dr. and Mrs. Jerome P. Webster announce the engagement of their daughter, Geraldine McAlpin, to Dr. Robert J. Delenback, an instructor in the Department of Physiology, P&S. Dr. Webster is consultant in Surgery, PH, and Professor Emeritus of Clinical Surgery, P&S. Miss Webster was a PH volunteer during the summers of 1956-57, with a total of 315 hours of service.

William A. Rugh, son of Dr. and Mrs. Roberts Rugh, is engaged to Andrea Scott Bear. Dr. Rugh is Associate Professor of Radiology, P&S.

Carole Ballé, Accounting Department, is engaged to Patrick J. Kelly, formerly of the same department.

Ellen Donovan, clerk-typist, Maintenance and Construction, is engaged to Edmund Morrison.

Susan Muzzy, research technician, is engaged to George U. Carneal, Jr., a graduate of Princeton University.

Marian A. Spies, 3rd year student, Department of Nursing, PH, is engaged to Robert E. Brunck, a graduate of NYU.

George V. Clift, 4th year medical student, P&S, is engaged to Jean L. Ritchie, a graduate of Columbia's School of Occupational Therapy.

C. Redington Barrett, Jr., 3rd year medical student, P&S, is engaged to Elizabeth E. Biddle, a senior at Vassar College.

William Applebaum, 3rd year medical student, P&S, is engaged to Jane F. Scovell, an alumna of Wheaton College.

Charles B. Davidson, 3rd year medical student, P&S, is engaged to Virginia C. Spencer, senior at Smith College.

Alfred J. Nadel, 2nd year medical student, P&S, is engaged to Sybil N. Gottlieb, a graduate of Smith College.

• WEDDINGS: Dr. Margaret Riddle, resident, N.I., married Dr. George Seiden, assistant professor of medicine, Albert Einstein Medical College.

Dr. Edward R. Burka, a P&S graduate, and assistant resident in medicine, married Susan Swift, a 1956 graduate of the School of Nursing, PH.

Thomas J. Morley, 4th year medical student, P&S, married Julia E. Krebs, dental and oral hygienist, in The Pauline A. Hartford Memorial Chapel.

• CONGRATULATIONS TO: Mr. and Mrs. Gerard Cassidy, on the birth of their fifth child, Bridget. Mr. Cassidy is in the Collection Department.

• APPOINTMENTS: Miss Mardie Sughrue, daughter of Mrs. Margaret Sughrue, Accounting Department, has been appointed assistant head nurse in the operating room at St. Vincent's Hospital. Miss Sughrue was formerly employed here as a Nurses' Aide.

Year-Old Personnel Orientation Program Still Welcomes All Older Employees

Those who became members of the Medical Center family during the past year probably learned more about it in a few hours than many of their predecessors had been able to assimilate in several months.

ELIZABETH WILCOX



Mr. Auty and Miss Oring are interested listeners as Miss Gregorich uses blackboard to emphasize a point in her talk at an orientation program.

These newer members of staff and personnel had the advantage of the orientation program—a year old on February 8—designed to help the newcomer adjust to the Hospital in general and his job in particular. The program, conducted in two phases, is under the direction of C. Douglas Auty, Administrative Assistant for Personnel.

The first phase is an orientation "class" assembled every Friday, starting at 2 P.M., in the amphitheatre on the fourth floor of Babies Hospital. Assisting Mr. Auty at these sessions are Miss Lil-

lian Oring, R.N., Administrative Assistant for the Nursing Service, and Miss Pauline Gregorich of the Personnel Department.

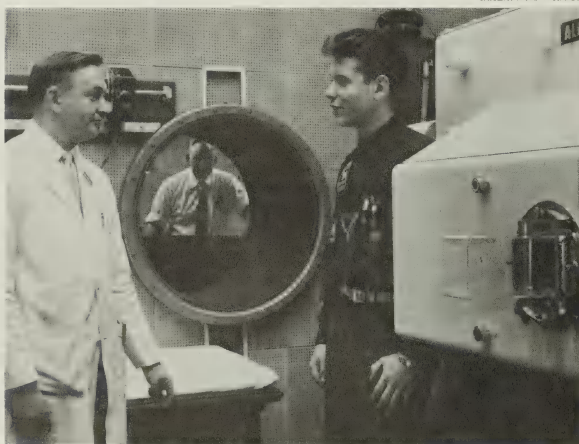
Mr. Auty's part in the program is an explanation of personnel policies and Hospital services and answering of questions about such benefits as retirement program and hospitalization insurance. Miss Oring stresses the need of teamwork for the benefit of the most important person in the Hospital—the patient. She also explains the various types of uniforms to be found throughout the Hospital. Miss Gregorich describes the origin and growth of the Medical Center and, with the help of visual aids, pinpoints its major units and describes the organization of the administrative staff.

Second phase of the orientation series is a tour for new employees, scheduled on Tuesdays and Thursdays. Attendance of both phases is required of all newcomers.

An estimated 800 to 1,000, both new and old staff and personnel, benefited from the program in its first year of operation. Mr. Auty points out that the program is still open to all older employees who wish to attend. The supervisor's permission is the only requirement. Compensatory time is given if attendance is in addition to regular duty hours.

'POOH' TO RULE BAZAAR

The School of Nursing's Class of '59 has scheduled its annual bazaar for March 20 at Maxwell Hall, with "Winnie-the-Pooh" as the theme and proceeds going to a philanthropic project of the class's choosing.



Eagle Scout Harold Heisler, 15, of Laurelton, L. I., who plans to become a doctor, was guest of the Hospital on Scouting's recent Community Leadership Day. In picture above, he was an interested listener as physicist Francis de Friess explained how the 22,000,000-volt Betatron works. Betatron machinist Kenneth Meyer is seen through 3-foot-thick, water-filled "well" through which patients undergoing treatment are observed. (The water has not been changed in three years.)

Rules Listed for Arts and Crafts Show; Daily Closing Time Earlier This Year

Except for a slight change in show hours, the Medical Center's eighth annual Arts, Photography and Crafts Exhibition will follow about the same pattern, with the same rules prevailing, as in the past.

Following an invitational "Preview" on the evening of April 14, the exhibition will open to the public on the following day and continue through April 25 in the 20th Floor Lounge, Presbyterian Hospital. At a recent meeting of the Art Exhibition Committee, it was decided that show hours except on Wednesdays will be from 10 A.M. to 7 P.M. (Closing time is an hour earlier than previously.) On the two Wednesdays, for the benefit of night duty nurses and other nocturnal workers, the show will open at 8 A.M.

The exhibition is open to all members of the Medical Center family; but, because of space limitations, not to their relatives. Rules governing the exhibition are:

Type of Entries: Fine art work, including painting, sketches and sculpture; art photography (but not medical art such as clinical studies); crafts, such as leather and silver work, ceramics, weaving, basketry and needlecraft.

Originality: All work must be original. Exact copies of works of art are

not so considered. Work shown at previous Medical Center exhibitions may not be entered again.

Submitting Entries: Official entry blank must be used. These have been circulated throughout the Center and are also available in Public Interest, PH-4-30. Blank is in two parts. Each part must contain all requested information in full. One part should be given to Public Interest as soon as possible; the other is attached to the back of the entry, which must be brought to Public Interest between April 1 and not later than 5 P.M., April 7.

Limitations: Three items, not necessarily in same category, may be entered by each individual. Kodachromes, no matter how many, are considered one entry. If total entry is unusually large, the committee reserves the right to choose for display the best of an exhibitor's three entries. Total number of kodachromes shown will be determined by capacity of viewing apparatus.

Mounting: Paintings and sketches must be securely wired, ready for hanging. Photographs must be mounted on 16 x 20 mat board, with only one print to a mount. Prints must be at least 8 x 10 inches, but larger size is preferred.

Prospective exhibitors with questions about the exhibition or entries may call Miss Rose Marie Kirkwood, Public Interest Dept., Ext. 7076 or 7064.

Volunteer Teen Agers Getting Candy Stripes

Continued from page one

young people's thinking into the productive avenues of a health career, and we feel that the eye-catching uniforms, made of material with red and white stripes, will help in our plans to enlist more of these youngsters."

Teen-age girls now doing volunteer work are from Manhattan and Bronx high schools, arriving after school between 3:30 and 4 P.M. to help feed child patients in Babies Hospital, with some also working on some of the adult wards. Eight are from Grace Dodge Vocational High School, which offers a three-year practical nursing course under Mrs. Rosaria Chiarello, the former Rosaria Leone, a graduate of our Nursing School.

The enthusiasm evidenced by one teen-ager, Michelle Carlson, was such that her mother, Mrs. Nettie Carlson, joined her in volunteer service. Two others who recently enrolled are the daughters of Hospital employees. They are Wendy Spero, whose mother, Mrs. Sidney Spero, is a doctor's secretary, and Ruth Catherine Robinson, daughter of William J. Robinson of the Collection Department.

Five girls and one boy wear the Junior Red Cross uniform, having taken the Red Cross course, and two other youths, both from De Witt Clinton High School, wear the striped jacket of men volunteers.

Doings of Doctors . . .

Dr. William J. Savoy, Clinical Professor of Dentistry, DOS, and Associate Attending Dental Surgeon, Department of Dentistry, PH, has been appointed Director of Dentistry Services in the Hospital.

☆ ☆ ☆

Dr. Helen Kodza, Department of Microbiology, P & S, has been granted a fellowship from the Leukemia Society, Inc., to work in conjunction with Dr. Claus W. Jungeblut on a leukemia research project.

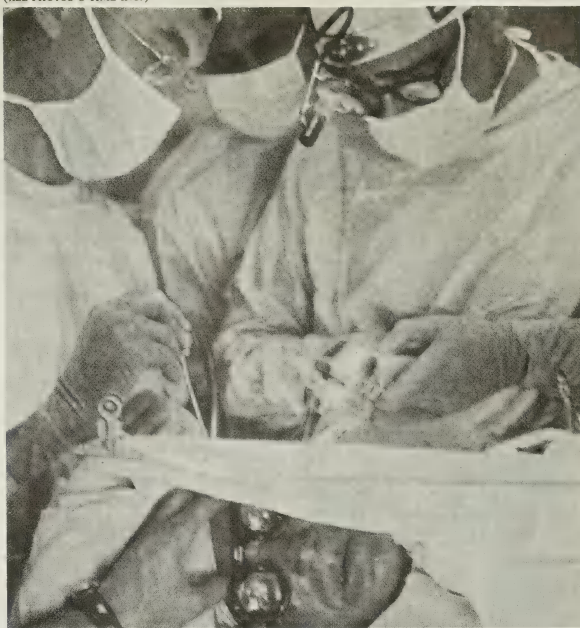
Hospital Teams Exceed Quotas in UHF Drive

Continued from page one

Other team chairmen were Mrs. James M. Breed, Presbyterian Hospital Auxiliary; Mrs. Stuart D. Preston, Neurological Institute Auxiliary; Mrs. John Coleman, New York Orthopedic Hospital Auxiliary; and Mrs. Alexander L. Keyes, Board of Women Managers of Babies Hospital.

(ALL PHOTOS © TIME INC.)

LIFE PHOTO BY ELIOT ELISOFON



LIFE PHOTO BY FRITZ GORO

Presbyterian in the Press . . .

Ultrasound in Presbyterian operating room, above, was part of *Life* Magazine's recent 14-page look at how technology has changed the nation's health. Technique destroys diseased part of inner ear causing vertigo. Ear surgeons (not identified in *Life*) are, from left: Dr. Milos Basek, Dr. Jules Waltner, Dr. Franz Altmann.

Life editors began work on this story last June, when they talked with Dr. Robert Loeb and other members of the Medical Center staff.

Among the photos *Life* didn't have room for: Instruction in self-injection of insulin, given by Miss Margaret Hawthorne in our metabolism ward, right. Electroencephalographic record taken by Miss Georgia Giatrakas in Vanderbilt Clinic, below.



LIFE PHOTO BY FRITZ GORO

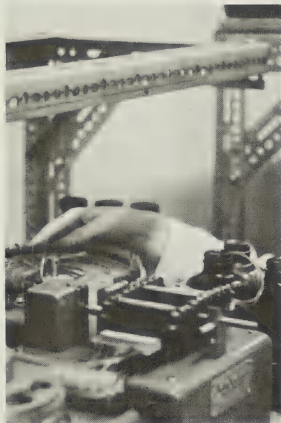


Autoanalyzer in Diagnostic Laboratory Reduces Blood Test Time to Six Minutes

Continued from page one
the new instrument determines blood calcium in six minutes; sometimes this test took as long as 24 hours by conventional, manual methods.

The four gray steel-and-plastic Autoanalyzers are being used to determine amounts of sugar, calcium, and urea nitrogen in the blood. These three basic determinations are among the chemical tests most frequently asked for by doctors examining patients; they may signal diabetes, kidney, or

ELIZABETH WILCOX



PLASTIC CUPS hold small blood samples.

bone diseases and a number of other disorders.

Presbyterian was one of the first hospital customers for this new product of American technical ingenuity. The four Autoanalyzers now at work here were among the first produced by the manufacturer. Others went to industrial users. Consolidated Edison of New York, for example, bought three to undertake constant monitoring of its boiler water supply.

Autoanalyzers work by principles established in decades of work in analytical chemical laboratories. One of these is the well-known fact that many compounds or elements (for example, glucose, calcium, nitrogen) change color when mixed with certain chemical reagents at certain temperatures.

The intensity of the color change permitted analytical chemists to determine the amount of a given material present in a fluid. But until now the colorimetric method meant that a technician would have to measure carefully the various parts of the test solution, read the color change by placing the test tube in a complicated assembly of mirrors, prisms, and scale. There was a lot of room for human fallibility in this time-consuming process.

The automatic laboratory machine eliminates measurement of materials used, as well as other manual processes. Blood samples, amounting to no more than a few cc. each, are placed in tiny cups in a plastic plate. The plate revolves at a speed timed to match the bobbing mouth of a plastic tube which picks up each tiny sample to be analyzed. Air bubbles separate the samples as they flow along the plastic tubing.

Even Smaller Blood Samples

Next the plastic tubing leads through an intricately designed pump that mixes the exact reagent needed for a given test with the sample fluid. Next step is the dialyzer, where unwanted parts of the sample seep away through a cellophane membrane. If heating is needed to develop a color reaction, the plastic tube goes through a heating bath. Finally the plastic tube feeds past a photoelectric cell which reads the color change by comparing it with a standard. The last machine unit computes the difference as a ratio and records it on a moving graph. All this is an automatic flow, requiring little supervision.

Presbyterian's Autoanalyzers may soon be equipped for additional colorimetric tests. They could also, by the addition of other equipment to the line of flow, be used to measure pH and for gas analysis.

The machines have made it possible to centralize in a single laboratory chemical tests formerly made in six laboratories in different parts of the Hospital. Expected improvements in design of the sample cups, providing a conical bottom, will further reduce the amount of blood required—perhaps to 2/10 of 1 cc. This may make it possible for the Autoanalyzers to undertake additional tests for the Pediatric Service.

Broad Horizons for Technicians

Do Autoanalyzers threaten diminished career opportunities for laboratory technicians? By no means, our experts say. New tests that aid in diagnosis of disease are being rapidly added to medical resources (a number of basic diagnostic tests used throughout the world have been discovered by members of the Medical Center staff).

Putting simpler tests on a machine basis simply means that trained technicians will be available for expert work on the more complicated diagnostic tests and for work on tests still at a research level. Over 250 different kinds of diagnostic tests are presently being done in Medical Center laboratories. There has been a twenty-fold increase in the number of tests done since the Medical Center opened 30 years ago.



PILL COUNTING MACHINE recently installed in our pharmacy counts pills and fills 4,500 containers in 5 hours. This weekly task formerly required 22 hours of hand labor, Miss Anne E. Grosso, chief pharmacist, says. The machine can be set to handle capsules and tablets of various sizes. Thelma Greenberg shows how it works.

Mrs. H. P. Davison Subject of Interesting Art

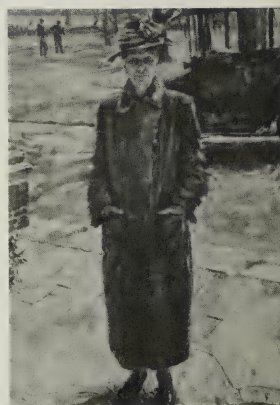
Those connected with the Medical Center whose knowledge of it goes back for two score years or more would likely have had nostalgic memories recalled by seeing a portrait of Mrs. Henry P. Davison recently on display at Portraits, Inc., 135 E. 57th Street.

The portrait (photograph of which is reproduced here) was painted by Simon Elwes and shows Mrs. Davison with the 1922 electric automobile which she still uses to go about the grounds of Peacock Point, her Long Island estate.

Mrs. Davison, a member of The Presbyterian Hospital Board of Trustees since 1938, was active in this hospital's affairs, as well as those of Babies Hospital and the Neurological Institute, for many years before that. She was a member of the Institute's Board of Trustees, starting in 1927, and of the Babies Hospital Board of Trustees, starting in 1938, until both merged with Presbyterian Hospital on Dec. 31, 1943.

Among other activities, she headed the women's committee which provided dressings and other supplies for the Base Hospital which Presbyterian Hospital sent to Europe in World War I. In 1936, a new Social Service Committee was organized at Neurological Institute to take the place of a women's committee which had been discontinued. Mrs. Davison had served on the original committee and was one of the founders of the new one, which in 1950 changed its title to the Neurological Institute Auxiliary.

Mrs. Davison has always evidenced a special interest in nursing, and served on the Nursing Committees of Presbyterian Hospital, Babies Hospital and Neurological Institute, including chairmanship of the latter for some years. Every fall the members of the faculty and the first year class of the Department of Nursing are her guests for a day at Peacock Point.



25 Year Club Adding 33

Continued from page one

Dentistry; Dr. Cushman D. Haagen, Surgery; Dr. Irvin L. Hunt, Jr., Dentistry; Balbina Johnson, Surgery; Dr. Morris Kavelle, Dentistry; Dr. Julius K. Littman, Anatomy; Dr. J. Lowery Miller, Dermatology; Dr. James R. Montgomery, Obstetrics and Gynecology; Dr. Solomon N. Rosenstein, Dentistry; Dr. Frederick H. Shillito, Medicine; Dr. Arthur C. Totten, Dentistry; Dr. T. Lloyd Tyson, Medicine; Dr. Carl R. Wise, Medicine.

Fifteen additions among non-professional personnel are: Jessie Aitken, Sterile Supply; Mary Ballantine, Buildings and Grounds; James Campion, Stores; Robert M. Coffin, Engineering; Frank Cortese, Vanderbilt Clinic; Viola G. Grollmund, Anesthesiology; Helen Hockenberger, Comptroller's Office; Agnes M. Kovarik, X-ray; Fred LaPorte, Nursing; Mary LeDeoux, Nursing; Christine McDade, Basal Metabolism; Sarah McKenna, Nursing; Ann Meehan, Stores; Mary Minsky, Laundry; Louis Perrone, Engineering.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 4

APRIL, 1958

Dr. McIntosh New President

25-Year Club Holds 12th Annual Dinner

MANNY WARMAN



THIS GROUP at the dinner whose chatting was halted by photographer consisted (l. to r.) of Frederick A. O. Schwarz, acting president of the Hospital; Dr. Benjamin P. Watson, the club's outgoing president; Dr. Ross Golden, who made it all the way from California for the affair; Dr. Martin DeForest Smith, and Dr. Cushman D. Haagensen.



OLDEST (in seniority) active members are Anna Grosso, for the Hospital, with 41 years, and Michael Bauer, for P & S, with 48. (Additional pictures on page 4.)

The food was good, the entertainment sprightly, the speeches not too lengthy—all important factors which added up to an enjoyable occasion as the Medical Center 25-Year Club held its 12th annual dinner on March 20 at Bard Hall.

Acting President Frederick A. O. Schwarz and Dr. Cushman D. Haagensen were the principal and not-too-verbose speakers and Mrs. Royall G. Cannaday graciously presented certificates to the club's 33 new members. The Hospital's own "Barber Shop Musicians" added to the gaiety of the pre-dinner portion of the affair.

Dr. Rustin McIntosh, director, Service of Pediatrics, became president of the club for the coming year, succeeding Dr. Benjamin P. Watson. Other new officers are Mrs. Lawrence H. Cotter and Dr. Aura E. Severinghaus, vice-presi-

dents; Helen G. Warner, secretary; Clara Barry, assistant secretary, and John Campion, treasurer.

Among the statistics brought out at the dinner was the fact that Michael Bauer, a technician in the medical school's department of medicine, holds the record for still-active members, with 48 years. In the Hospital, this honor goes to Miss Anna E. Grosso, in charge of its pharmacy, with 41 years.

At 43, Laundry Supervisor John J. Nelán is believed to be the club's youngest member.

Art Show Exhibitors: Get That Entry In!

Prospective exhibitors in the Medical Center's eighth annual Arts, Photographic and Crafts Exhibition are reminded that entries must be brought to Public Interest, PH-4-30, on April 1 and April 7. None can be accepted after 5 P.M. on the latter date.

The Exhibition will be open to the public in the 20th Floor Lounge, Presbyterian Hospital, from April 15 to 25, inclusive. Hours will be from 10 A.M. to 7 P.M. except on the two Wednesdays, when the show will open at 8 A.M.

Dr. Taylor to be Next Dean of Medical School, Columbia Vice-President

Dr. Howard Canning Taylor, Jr. was last month appointed Columbia's Vice President in Charge of Medical Affairs and Dean of the Faculty of Medicine, joining a succession of distinguished men who have, since 1767, led the second oldest medical school in the U. S.

Since 1946 Dr. Taylor has been Professor and Chairman of the De-



Dr. Taylor

Elevators Project Calls For Replacing 7 Cars

Replacement of seven existing elevators, a Presbyterian Hospital reconstruction and equipment project which will last over a period of 18 months, was scheduled to get under way about April 1.

Plans call for replacing cars 1-4 on the west side of the stem, cars 5-6 on the east side of the stem, and service car No. 8 in Presbyterian Hospital west. At the same time, the separating partitions between the two central banks will be removed, resulting in one large lobby and an unobstructed view of all elevators.

Continued on page three

Communications Study Being Made At Hospital

A three-man team of communications engineers, consisting of Elliot T. Robinson, Herbert X. Moerler and David N. Baxter and assigned by the New York Telephone Company, has begun a survey, expected to continue over several months, of all communications media—visual, written and oral—used at the Medical Center.

The study here is part of a nation-wide program projected in hospitals, hotels, brokerage firms and other industries which appear to have special communications problems. The team working here will evaluate the effectiveness of existing facilities, then compile a report with its recommendations for possible improvements and procedures, use of equipment, and suggested equipment innovations.

partment of Obstetrics and Gynecology of the College of Physicians and Surgeons, Director of the Service of Obstetrics and Gynecology of The Presbyterian Hospital, and Director of Gynecology of Francis Delafield Hospital. In the new post, he will succeed Dr. Willard Cole Rappleye, who will retire on June 30.

Dr. Taylor, 58, brings to the Deanship a lifetime of devotion to the principles of university medicine which have been largely responsible for the abundant scientific harvest of recent decades. Eight years after he finished an obstetrical residency at the New York Lying In Hospital, he was appointed to the faculty of the New York University College of Medicine and became Chairman of the Department of Obstetrics and Gynecology there in 1944.

Dr. Taylor also served as Director of the Gynecologic Service at Memorial Hospital and Director of the Obstetrical and Gynecologic Division of Bellevue Hospital. He is presently a director of the Amer-

Continued on page four

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REPORTERS

Accounting—Helen Hockenberger. **Building and Grounds**—Margaret Muccilli. **Babies Hospital**—Loretta Molzahn. **Chaplain**—Robert B. Reeves, Jr. **Elevators**—John J. Callahan. **DOS**—Mrs. Florence Moore. **Eye Institute**—Helen Meade. **Nursing Service**—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing). **Housekeeping**—Rosina Wallace. **Laundry**—Mary Minsky. **Library**—Mrs. D. W. Hood. **Mail & Messenger**—John J. Campbell. **Occupational Therapy**—Elizabeth Scully. **Protective**—Edwin H. Behlmer. **Purchasing**—Gerard Walker. **Record**—Marion R. Trilling. **Social Service**—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). **Telephone**—Mrs. Ann Traino. **Vanderbilt Clinic**—Barbara Little. **Volunteer**—Laura Vossler.

STETHOSCOPIA

• **KUDOS:** The Cribside Social Service Committee, BH, has been busy with its Thursday morning Lenten Sewing Class. When this project started more than 50 years ago the committee taught others how to make clothing for patients. Now the members themselves do the sewing, making some clothing for child patients and also using the project as a fund-raising activity.

• **APPOINTMENTS:** Mrs. Shulmith Kastein, formerly speech pathologist and assistant supervisor, is now supervisor of the Speech and Hearing Clinic. Dr. Maurice H. Miller, former supervisor and chief audiologist, resigned to become coordinator of the Hearing and Speech Center to be set up at the Kings County Medical Center. This will be the first such clinic to be established within a Brooklyn medical center.

• **WELCOME TO:** Nancy Dubois has assumed the newly created post of assistant librarian in the Milbank Library. Miss Dubois is from Utica, an alumna of the University of Buffalo, studied occupational therapy here and was an occupational therapist for a year with the New York Department of Health.

Beth Haywood has joined the Personnel Office as an interviewer. Miss Haywood's past experience has included civilian work for the U. S. Army in Japan, Okinawa and San Francisco and as personnel assistant for a department store in East Orange, N. J.

The Telephone Room welcomes six new members: Marie Moscatel, Kay Duignan, Helen McDonough, Marie Russell, Josephine Cassidy and Jayne Flanagan.

• **ENGAGEMENTS:** Lieut. Howard C. Taylor, III, a graduate of P&S, and son of Dr. and Mrs. Howard C. Taylor, Jr., to Sara W. Dulles, of Worthington, Ohio. Dr. Taylor, Jr., is Director of Service, Obstetrics and Gynecology.

Conrad G. Lattes, a student at Swarthmore College, and son of Dr. and Mrs. Raffaele Lattes, to Jane Flax, student at Harvard Graduate School of Education. Dr. Lattes is assistant surgical pathologist, PH, and professor of surgery, P&S.

Dr. Howard Robbins, resident, Anesthesiology, to Edna J. Galton, a Cornell senior.

Anne M. Haviland, research technician, IOPH, to Robert J. Arnold,

alumnus of Harvard Graduate School of Business Administration. A September wedding is planned.

Arlene (Jill) Merkl, PH staff nurse, to Richard F. Hespos, a student at Harvard Graduate School of Business Administration. A June wedding is planned.

Carolyn Jonker, PH staff nurse, to Martin S. Harris, Jr., a Princeton graduate. A June wedding is planned.

Charles G. Watson, 1st year medical student, P&S, to Nancy M. Collins, a Hollins College senior.

• **WEDDINGS:** Dr. John C. McGiff, P&S graduate, and research fellow of the American Heart Association, Department of Medicine, Columbia University, married Sara Babb, on the staff of Glamour Magazine.

• **BIRTHS:** Dr. and Mrs. Louis R. M. Del Guercio became parents of a son, Louis Guy, on March 16. Dr. Del Guercio was an intern here before becoming Resident in Surgery at St. Vincent's Hospital. Formerly Miss Paula de Vautibault, Mrs. Del Guercio is a former director of recreational therapy, PH.

• **DEPARTURES:** Dr. Bradley Straastma, resident, IOHP, has left to report to the Armed Forces Institute of Pathology, Washington, D. C. for a year of special training in ophthalmic pathology.

Dr. Leonard Marmor, resident, orthopedic surgery, has left to enter private practice in Los Angeles. He will be associated with the University of California at Los Angeles.

• **RETIREMENTS:** The month of April will mark retirement for Katherine Lavaia, lab assistant, Clinical Pathology, who had been here since September, 1953.

Roll of Honor...

Dr. Allen O. Whipple, world-renowned surgeon and teacher and director of Presbyterian Hospital surgical services for 25 years before his retirement in 1946, was the recent recipient of the National Alumni Association of Princeton University's Woodrow Wilson Award as the alumnus best exemplifying "Princeton in the Nation's Service."

'Lost and Found' Department Handles Wide Assortment of Items—Even 'Choppers'

If you've changed your mind and now think that turned-inside-out umbrella you discarded in front of the Hospital might be worth retrieving, there's a good chance you can find it in our own Lost Property Department. (Vanderbilt Clinic basement near Pharmacy.)



SERGEANT BEHLMER with assortment of lost items awaiting claimants.

This, of course, has been an unusually rough winter on umbrellas, and the Lost Property office has a big box full of them. Actually, most are damaged beyond repair, but the fact they were turned in speaks well for the honesty and thoughtfulness of our staff and personnel.

Found items turned in sometimes run as high as 50 a week. The wide variety includes jewelry, clothing, false teeth, eyeglasses, a single shoe, and in one case a portable phonograph.

Sergeant Edward H. Behlmer, on the 8 to 4 daytime shift, gets most of the lost or found reports. He and his associates keep detailed

records of found property and maintain a good average in locating the owners, sometimes going to considerable effort in the process.

One recent find was a Beta Theta Pi fraternity pin, embellished with diamonds and apparently of considerable value. Protective tracked down the owner, a resident of Warwick, N. Y., through writing to the fraternity's national headquarters in Oxford, Ohio.

Disposition of unclaimed articles depends largely on type or value. More valuable jewelry and watches are held here for 90 days, then turned over to the New York Police Department. The cheaper variety of costume jewelry is kept for 30 days before being presented to Occupational Therapy. Most clothing and such items as umbrellas go to the thrift shops after 30 days. The Dental School gets dental plates and eyeglasses are sent to New Eyes for the Needy, Inc. in New Jersey.

What should you do if you lose something?

"Call extension 211 right away," says Sergeant Behlmer. "Give your name and department and let us know when you last used the lost item and when you missed it. We'll do our best to locate it for you."

Two Auxiliary Teams Top Both Goals in Their UHF Campaign

An article in the March *Stethoscope* reporting on the recent United Hospital Fund campaign erroneously listed names of "Hospital Week" chairmen instead of team chairmen of the four Auxiliary teams, as intended. The team chairmen were: Mrs. C. Redington Barrett, Women's Auxiliary of The Presbyterian Hospital; Mrs. Charles E. Adams, Neurological Institute Auxiliary; Mrs. Edward H. Gerry, Women's Auxiliary of the New York Orthopedic Hospital; Mrs. John S. Tinney, Board of Women Managers of Babies Hospital.

It was subsequently learned after the March article reported on "Direct Benefit Quotas" that two of our Auxiliaries, the Neurological Institute Auxiliary and the Women's Auxiliary of the Presbyterian Hospital, were among nine women's teams which also exceeded "Campaign Quotas" which represent each team's share of the over-all \$3,000,000 campaign quota. As previously reported, each of our women's teams exceeded its "Direct Benefit Quota."

Doings of Doctors...

Recent speaking appearances by members of the Hospital's professional staff included:

Dr. Ralph A. Deterling, Jr., Service of Surgery, discussed nerve and blood vessel operations at the New York sectional meeting of the sessions of the American College of Surgeons.

Dr. Eli S. Goldensohn, Service of Neurology, spoke on "Methods of Seizure Control" at a meeting of the United Epilepsy Association.

Elevators Project Calls For Replacing 7 Cars

Continued from page one

The new elevators will be of the "push button" type, and will be equipped with self-leveling and other automatic devices which will insure improved service, including a considerable reduction in the waiting time for a car.

The work will be done in three stages, with the first phase calling for replacement of elevators 5 and 6, now used as combination passenger and service cars, and removal of the hallway partitions. These cars will be out of service for six months, and throughout the project there will be two less cars than usual. Elevator No. 1, on the west side of the stem, will be the operating room car while Nos. 5 and 6 are out.

During the reconstruction, the cooperation of all staff and personnel will be vitally important in keeping the traffic problem to a minimum. Plans call for permitting only persons having duty in actual patient areas to be taken on the four remaining cars which will be in service. All medical and dental students and all personnel whose work is in areas other than directly related to patient care will be requested to use the College and Vanderbilt Clinic elevators. All staff, personnel and students will be re-



"A MAN IS HURT" opens when Richard Drutman is injured in a fall while loading freight. Port Authority police officers portrayed such officers and longshoremen. "Longshoreman" at right was Miss Cecilia Graham, a Neurological Institute head nurse.



PHYSICAL THERAPIST Samuel Feitelberg demonstrated some of the procedures used by members of the Physical Therapy department in teaching Drutman to walk again in real life. Such equipment, provided by the Hospital, added to play's realism.

quested to walk up one flight and down two.

Signs were to be posted advising which elevators are running and which are out of service, while bulletins will be issued on work progress and traffic directions.

Unique P. S. 401X Has Change In Teachers

With the retirement of Mrs. Mabel Welte on Feb. 28, P.S. 401X, the unique school room on the 12th floor of Babies Hospital, had its first teacher change in 13 years.

Mrs. Welte, whose home is at Stamford, N. Y., came to 401X in 1945 after 25 years of teaching special classes for handicapped children in New York City schools. She was succeeded here by Miss Mary Shanley, of 790 Riverside Drive.

A unit of the city school system, 401X functions much like an old-fashioned one-room rural school. In the one room, instruction is given to children from the first through the eighth grades. Some

of the child patients who comprise its pupils are there for only a couple of days, others for several weeks. It has had as many as 30 at a time but the daily average is about 15. They have come from virtually all sections of this country and from as far away as South Africa.

The teacher conducts classroom work for ambulatory child patients from 10 until 11:30 A.M., then teaches in the wards in the afternoon.



ELIZABETH WILCOX

MRS. WELTE had two more days of teaching left when this picture was taken with two of her last 401X pupils.

Hospital Thespians Use Real-Life Drama As Basis of Play Presented for A.C.S.

Amateurs on the stage but all familiar with their roles in real life, a group of 37 persons, most of them from Neurological Institute, presented a highly acclaimed three-act play on the program of the recent American College of Surgeons week-long meeting in New York.

Although presented at 9 A.M., "A Man Is Hurt" drew a bigger audience than do most Broadway plays for a single performance; an estimated 1,700 in the Commodore Hotel's big ballroom. Prolonged applause and many complimentary appraisals were evidence that those connected with the production had done a fine job on the documentary-type play depicting the treatment and rehabilitation of a neurosurgical patient with a broken neck.

PLAY ORIGINATED HERE

"A Man Is Hurt" had its inception when the A. C. S. Nursing Committee invited Presbyterian Hospital's nursing department to contribute something to its program. The nursing staff of Neurological Institute came into the picture, turned thumbs down on such ideas as the usual panel discussion program and came up with the play.

The "Playbill" listed Miss Cecile Covell, R.N., assistant director, Nursing Service, as both "originator and director" but she is the first to disclaim credit, asserting that "A Man Is Hurt," both in its writing and production, was the result of numerous collaborators.

PLAYERS ACCUSTOMED TO ROLES

Realism was heightened by the fact that cast members were, in effect, playing themselves. They included a real doctor (Dr. Edgar M. Housepian), several actual nurses, a physical therapist, and six Port Authority policemen who portrayed officers and longshoremen.

"Props" were real equipment, provided by such sources as the Hospital and the Port Authority.

The play reached a dramatic climax when its title-role performer, discarding crutches, walked to a microphone at the front of the stage and told the audience the story it had seen enacted was basically true; that it had all happened to him. The part was portrayed by Richard Drutman, 24, who only a few months ago had spent 14 weeks in Neurological Institute as a patient with a broken neck.

Regular Worship Times to Prevail on Easter

Easter services in The Pauline A. Hartford Memorial Chapel will be held at the usual times on Sunday, April 6; Roman Catholic Mass at 7 A.M. and Protestant worship with Holy Communion at 10:30 A.M. The only additional service will be a special Maundy Thursday Roman Catholic Mass at 5 P.M. The Chapel will be open for meditation on Good Friday. P & S Vespers will be held as usual on Wednesday, April 2, with the Rev. R. B. Reeves, Jr., Chaplain of Presbyterian Hospital, preaching.

This year the Jewish Passover coincides with Easter. The first day of Passover will be observed at the regular 10:30 A.M. service on Saturday, April 5, and Yizkor prayers will be said on the last day of Passover, Saturday, April 12.

'It's Always Fair Weather' Was Theme Song of Happy 25-Year Clubbers

MANNY WARMAN



LOOKS LIKE Drs. Cushman D. Haagensen, William B. Snow and Lewis J. Doshay found some food for serious thought before they sat down to dinner.



WELCOME TO new member Dr. Virginia Appar (center) is extended by Miss Miriam Hubbard, Mary Harkness Convalescent Home superintendent, and George Hansen, of Comptroller's Office.



APPEARS THAT the Rev. William P. Reed and John J. Nolan had a good joke to share. Laundry supervisor Nolan, 43, is club's youngest member.

Dr. Taylor Appointed Dean of Medical School

Continued from page one

ican Cancer Society and the American Committee on Maternal Welfare, president of the American Gynecology Society, and editor-in-chief of the *American Journal of Obstetrics and Gynecology*.

Upon his appointment as a full-time member of the Columbia staff in 1946, Dr. Taylor initiated a broad program of research covering many aspects of human reproduction as well as of cancer of the reproductive organs. He is known for emphasis of the kind of research that will aid in synthesizing the mountain of specialized facts that modern medical science has accumulated.

Like many another Dean of the College of Physicians and Surgeons, Dr. Taylor is himself an alumnus, ranking at the top of the class of 1924. His father, Dr. Howard C. Taylor, Sr., was one of New York's leading gynecologists and one of the founders of the American Cancer Society. His son, Dr. Howard C. Taylor, 3rd, also a graduate of the College, recently returned from medical service with the Navy at the South Pole.

Dr. Taylor's colleagues call him "a brilliant and dedicated teacher, thoughtful, reflective," but he is also known as a stimulating committee member—the man who can be counted on to offer a realistic solution for the tougher problems of administrative life. The Medical Center got a sample of his gift for patient but unswerving leadership when he served as President of the Medical Board in 1954. Meetings were unexpectedly enlivened that year by the President's irresistible sense of humor.

While making the research and clinical contributions that have earned him a place in the top rank of medical scientists, Dr. Taylor has also been deeply interested in

the social and economic problems that confront us in "this unreasonable period of history."

He has a sort of basic confidence that many of the current dilemmas of man in society may eventually—in a world remade by science—seem as irrelevant as yesterday's theologic battlegrounds.

"Medicine," he told the entering Class of 1952 in the traditional Introductory Lecture, "has within it the raw materials of a philosophy . . . If you have learned to think of individual or group behavior in relation to ultimate physiologic or psychologic causes, you will not love or hate too violently. Judgment free of prejudice or passion should be one of the great results of your education."

In Memoriam

DR. T. W. STEVENSON, JR.

Dr. Thomas W. Stevenson, Jr., regarded as one of the outstanding plastic surgeons in the country, died February 23 after a long illness.

Dr. Stevenson, 53, was associated with The Presbyterian Hospital from the start of his internship in 1929. At his death he was Attending Surgeon, Service of Surgery, and Professor of Clinical Surgery, P & S. He was also attending surgeon in plastic surgery at Northern Westchester Hospital.

He specialized in restoring hands, seeking to reclaim hands crippled in accidents or fires and performing restorative operations on babies born with defective hands or on older patients maimed by operations for cancer. He was always interested in restoring use of a hand or other member of the body, rather than in mere cosmetic improvement.



NEW MEMBERS Mary Ballantine, Mary Minsky, Viola Grollimund and Ann Meehan were among gay groups at pre-dinner gathering.

Center Doctors Display Work At Art Exhibit

The Medical Center was well represented at the recent 23rd Annual Exhibition of Physicians' Art, held by the New York Academy of Medicine in cooperation with the New York Physicians Art Club. Dr. John J. Conley, Attending Otolaryngologist, Service of Otolaryngology, is president of the Art Club and Dr. M. M. Melicow, Service of Urology, is 2nd vice president. Both also were members of the Academy's art committee. Medical Center exhibitors were Dr. Conley, Dr. Henry S. F. Cooper, Dr. Edmund N. Goodman, Dr. Melicow and Dr. Jerome P. Webster.

JOSEPH R. KEARY

Sgt. Joseph R. Keary, of the Hospital Protective Department, died Feb. 13 from leukemia at the age of 45. Mr. Keary was first employed in Protective in April, 1946. In January, 1951, he became night manager of Presbyterian Hospital, returning to Protective in April, 1953, as a sergeant.

Tea Honors Miss Evans, Retires After 28 Years

Social Service sponsored a tea on March 26 in honor of Miss Frances Evans, case supervisor, whose retirement became effective March 31.

Miss Evans joined our Social Service staff on Feb. 1, 1930, after 12 years of similar work elsewhere. After being graduated at Wellesley, she completed studies at the New York School of Social Work in 1918 and was assigned to the New York Post Graduate Hospital. She later served with the Institute for the Crippled and Disabled and the Cornell University Medical Clinic before coming here at the invitation of Miss Janet Thornton, then director of the Hospital's Social Service department. She was assigned to Surgical Service and had been there since, first as a case worker and later as supervisor.

Her plans call for some travel, but those who know her well feel that she will not long be able to resist requests to accept responsibility in a community activity in behalf of people in need.



The Stethoscope

NEWS of the COLUMBIA PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 5

MAY, 1958

Three Trustees, Other Officers Approved At Annual Meeting

In addition to Cleo F. Craig as president, the Board of Trustees of The Presbyterian Hospital at its annual meeting on April 1st also elected:

Vice-Presidents

Henry C. Alexander
Frederick A. O. Schwarz

Treasurer

Thatcher M. Brown, Jr.

Secretary

John A. Gifford

Assistant Treasurer

Joseph A. Thomas

Assistant Secretary

Fredrick M. Eaton

Trustees

Mrs. Dana T. Bartholomew
Thomas P. F. Milbank
Arthur K. Watson

Honorary Trustee

William Sheffield Cowles

Mr. Schwarz, who served the Hospital as a vice-president prior to his term as acting president for the past year, was again elected vice-president.

Of the new trustees, Mrs. Bartholomew, who is the daughter of William E. S. Griswold, Sr., a trustee for 36 years, is Vice-Chairman of the Women's Auxiliary of The Presbyterian Hospital and an active worker in the Hospital's volunteer department. Mr. Milbank, a transportation executive, is the son of Dunlevy Milbank, a trustee for 35 years. Mr. Watson

Continued on page three

Program Announced For Graduation Week

Graduation exercises for the Class of 1958 of the Department of Nursing, Columbia University, have been scheduled for June 5.

The complete program for graduation week follows:

May 26, 7:30 p.m.—Alumnae dinner at Hotel Pierre.

June 1, 4 p.m.—Baccalaureate service at St. Paul's Chapel.

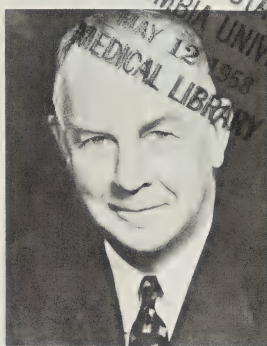
June 3, 3 p.m.—Columbia University commencement.

June 5, 4 p.m.—Graduation exercises.

June 6—Reunion luncheons in Maxwell Hall, 1 p.m.; annual meeting of Alumnae Association, 2:30 p.m.; tea on the lawn following meeting, 4:30 p.m.



Mrs. Dana T. Bartholomew



Cleo F. Craig



Thatcher M. Brown, Jr.



Arthur K. Watson

Progress in Treating Spinal Curvature: Patients Now Walk Soon After Surgery

Only yesterday curvature of the spine meant a hard fate for countless children. Many lived with a misshapen back—others died in early adult life when the spinal curve, sharply reducing lung area, led to congestive heart failure.

Now orthopedic surgeons can operate to correct curved spines, yielding backs so straight as to seem near-miracles to many parents. But until recently surgical correction of a spinal curvature meant that a growing child would have to spend months in a bed in a plaster cast.

Recently a member of the Presbyterian staff told the American Academy of Orthopedic Surgeons about progress in a treatment program that gets many young patients back on their feet within four to six days after an operation and sometimes lets them walk out of the hospital after ten or twelve days.

The improved plan combines surgery with a surcingle jacket

designed by Dr. William von Lackum. Using the spinal fusion procedure first developed by the late Dr. Russell Hibbs at the New York Orthopedic Hospital (now a unit of Presbyterian), Dr. von Lackum has treated over 500 children for spinal curvature or scoliosis.

Treatment of scoliosis begins when the curved spine is pulled into a straight position by the surcingle body jacket. Sometimes the jacket is used alone, sometimes

Continued on page four

Cleo F. Craig, Former A. T. & T. Head, Elected As Hospital President

Cleo F. Craig was elected President of The Presbyterian Hospital at the annual meeting of the Board of Trustees held April 1.

Mr. Craig, a native of Missouri, who now resides in Ridgewood, New Jersey, was formerly president and later board chairman of the world's largest public utility, the American Telephone and Telegraph Company. He was president from 1951 until September 19, 1956, and then served as chairman of the board until he retired on May 31, 1957. Upon his retirement he had been with the Bell System for 44 years, having risen through the ranks to the top executive post.

He became a member of the Corporation of The Presbyterian Hospital in the City of New York in 1946, a member of the Board of Trustees in 1951 and had been a vice president since October 24, 1955.

Mr. Craig is a director or trustee of the American Telephone and Telegraph Company, Central Savings Bank, New York; Citizens First National Bank and Trust Company, Ridgewood; Cooper Union, New York; Grand Central Art Galleries, New York; Metropolitan Museum of Art, New York; National Safety Council, Chicago; United States Steel Corporation; New York Trade School; and the

Continued on page three

Schwarz Cites Gains In Services and Costs

A year of progress was emphasized by Acting President Frederick A. O. Schwarz in his summary of the 1957 Annual Report, just issued.

"During 1957," Mr. Schwarz noted, "The Presbyterian Hospital continued to expand its services. It provided 462,300 days of hospital care for patients. It had 409,000 clinic visits and 188,200 private office visits. It served 128,000 individuals either as in-patients in the Hospital or as out-patients in the clinics and private offices or, in many cases, both as in-patients and as out-patients."

"Statistics, however," Mr.

Continued on page three

REPORTERS

Accounting—Helen Hockenberger. **Building and Grounds**—Margaret Muccilli. **Babies Hospital**—Loretta Molzahn. **Chaplain**—Robert B. Reeves, Jr. **Elevators**—John J. Callahan. **DOS**—Mrs. Florence Moore. **Eye Institute**—Helen Meade. **Nursing Service**—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing). **Housekeeping**—Rosina Wallace. **Laundry**—Mary Minsky. **Library**—Mrs. D. W. Hood. **Mail & Messenger**—John J. Campbell. **Occupational Therapy**—Elizabeth Scully. **Protective**—Edwin H. Behlmer. **Purchasing**—Gerard Walker. **Record**—Marion R. Trilling. **Social Service**—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). **Telephone**—Mrs. Ann Traino. **Vanderbilt Clinic**—Barbara Little. **Volunteer**—Laura Vossler.

PHOTO CREDITS FOR THIS ISSUE:

Art Exhibit pictures and Dr. Andersen by Manny Warman; Dr. Apgar and Miss Evans, Elizabeth Wilcox; Dr. von Lackum by Werner Wolf.

STETHOSCOPIA

• **CONVENTIONEER:** As chairman of its Arrangements Committee, a post she has held for several years, *Miss Cecile Covell*, assistant director, Nursing Service, Neurological Institute, attended the 17th annual convention of the National Association for Practical Nurse Education, in April at Coronado, California.

• **DEPARTURES:** *Mrs. Dorothy W. Hood*, librarian of the Milbank Library for the past 14 months, will leave this month for Louisville, Ky., where her husband has accepted a teaching position. A native of Alabama and a graduate of Peabody College in Nashville, Mrs. Hood came here from the New York Public Library, Sedgwick Branch, and prior to that had spent three years in Germany as librarian in U. S. Army recreational centers.

Mrs. Flevellyn French, secretary for the past two years to *Miss Miriam Hubbard*, Mary Harkness Convalescent Home superintendent, has resigned to live in South Pasadena, California. *Mrs. Jean Carey*, from California, will replace her.

Madeline Piché and *Claudette Deschenes*, former staff nurses at the Mary Harkness Convalescent Home, resigned to return to their homes in Canada.

• **RETIREMENTS:** May 1 was the retirement date for *Fred LaPorte*, attendant, Neurological Institute—7, Private Service, since December 6, 1933. An avid airplane rider for years, Fred has spent many a day off flying to Washington, Philadelphia or wherever a short-flight plane with a vacant seat might be going. In April, friends gave him a farewell party and wished him a pleasant retirement and happy landings.

Emilie Harper, transcriber, Physical Therapy Department, since 1942, retired as of May 1. A farewell party was held in her honor in April. Other May retirements include *Eleanor Conlon*, receptionist, Clinical Pathology, and *Marie Laib*, transcriber, Medical Information.

• **ON LEAVE:** *The Rev. Victor McCarnley*, food service employee, and rector of St. Stephen's Church, is on a leave of absence to serve as interim rector of a church in Chicago.

• **KUDOS:** *John H. Rudd*, Administrative Assistant for Food Service, was elected president of the newly organized Hospital Food Administrators Association. The group is now confined to New York but is expected to eventually become national in scope.

• **WEDDINGS:** *Norma Jean Snow*, head nurse, Sloane Hospital for Women, married Tod Walker on April 26. After honeymooning in Bermuda, the couple will reside in Edgewood, Md.

• **ENGAGEMENTS:** *Richard M. Friedberg*, graduate of Harvard College, and son of *Dr. and Mrs. Charles Friedberg*, to *Nancy L. Proger*. *Dr. Friedberg* is associate clinical professor of medicine, College of Physicians and Surgeons.

Dr. Arthur I. Hutner, assistant resident, Radiology, to *Irene Mende*, a graduate of the Lycee Francaise de New York.

Marjorie P. Thorne, head nurse, Harkness Pavilion, to *Dr. James Todd*, surgical intern, Presbyterian Hospital. A September wedding is planned.

Marcia Martin, 3rd year nursing student, to *Roy G. Lucas*, chemical engineer. A July wedding is planned.

Mary A. Newman, 2nd year nursing student, to *Richard McMahon*, Columbia University student.

Joyce K. Evans, 2nd year nursing student, to *Robert N. Emde*, 2nd year medical student, College of Physicians and Surgeons.

We're All Invited

It's blossom time in Westchester and the Mary Harkness Convalescent Home, in its beautiful, verdant setting, never looked lovelier, according to Superintendent *Miriam Hubbard*. She does not plan any formal "Open House" day as in the past, but asked *Stethoscope* to extend an invitation to all Medical Center staff and personnel to come any time and enjoy nature's colorful springtime display on the Home grounds. If any large group plans to come at one time she would appreciate a little advance notice.

Doctor Has Unique Hobby

Meet A Lady Fiddle Player Who Makes Her Own

Although they may never attain the fame or command the prices of a Stradivarius or Guarnerius, the stringed musical instruments owned and played by *Dr. Virginia Apgar* probably receive more tender, loving care in her hands than could any product of those great craftsmen.

Her instruments carry the signature of *Virginia Apgar*. For *Dr. Apgar*, Attending Anesthesiologist, Service of Anesthesiology, is a do-it-yourself viola and violin maker.

The patient usually learns something from the anesthesiologist during a pre-operative visit but this procedure was reversed when *Dr. Apgar* and *Mrs. Carleen Hutchins*, of Montclair, N. J., got together a little more than a year

First of a Series: Tips Needed

The accompanying story about *Dr. Apgar* is the first of a series on unusual hobbies which will appear in *Stethoscope*. Your tips on odd hobbies among Medical Center staff and personnel will be appreciated. There are two requirements: (1) the hobby must be *really unusual*; (2) it must be something which lends itself to being photographed.



DR. APGAR uses clamps to demonstrate gluing process in the making of a violin. Note small planes among tools in foreground. Some are so tiny that they are best handled by insertion of one finger, like using a thimble.

ago. A violinist herself, *Dr. Apgar* became intrigued when she learned that *Mrs. Hutchins'* hobby was the making of such instruments. Hobbyists usually like to share their pleasure and *Mrs. Hutchins* was happy to teach her knowledge of the violin maker's art to *Dr. Apgar*. The latter resides at Tenafly, not far from Montclair, so visits between them were not difficult.

Dr. Apgar decided on the rather uncommon and somewhat unique viola for her first effort. Tools, many and varied (including planes only an inch in length) were assembled and mounted on a pegboard in the corner of her bedroom, which became her workshop. Patterns and specifications adapted from a Guarnerius were obtained from Rome.

The wood, she soon learned, requires very careful selection. The ribs (or sides) must come from one which can be planed and sanded to a thickness of 2 to 4 mm. Spruce was chosen for the top piece. It is desirable to fashion the bottom piece from a beautifully grained wood which will take a high polish. If anyone wondered why a certain Harkness Pavilion telephone booth was without a shelf for a time, it can now be told that *Dr. Apgar* and a colleague de-

cided such a beautiful piece of curly maple was wasted there and would look better on a viola. (They removed it one night without disturbing anyone, and put in a replacement the same way!)

Dr. Apgar chiseled, planed, sanded and glued on the viola for nearly 11 months. She has started her second effort, a violin, and says it will go much faster. She now plays the viola, but the job will not be complete until she gives it 14 coats of varnish. The "tool" found most suitable for giving the neck an especially fine smoothness and gloss is a turkey bone.

Even without its 14 layers of varnish, the *Apgar* viola is regarded as an attractive instrument as she regularly plays it in a string quartet. She also used it in an appearance with an aggregation called the *Leiderkrantz Orchestra* at Carnegie Hall on April 20. A regular member of this group is violinist *Arthur Washell*, one of the tonsorial artists in The Presbyterian Hospital barber shop.

PROGRAM FOR BRITONS

The Orthopedic Service is preparing a program for some 50 visiting British physicians to be given May 20 in amphitheater 8-9 of the College of Physicians and Surgeons.

Eighth Art Show Highly Successful



MISS HELEN YOUNG, Director Emeritus, School of Nursing, and Miss Madeleine Walsh, R.N., admire handicraft items.



CHAPLAIN Robert B. Reeves, Jr. and Dr. Henry S. F. Cooper inspect latter's sculpture. Dr. Cooper's grandson was model for the smaller head.



DR. JEROME P. WEBSTER and Mrs. Webster show an interest in the wide variety of paintings. He was among exhibitors.

Schwarz Cites Gains In Services and Costs

Continued from page one

Schwarz continued, "are cold and mere size can be meaningless. The reputation of the Medical Center and of Presbyterian Hospital has been built not with size as an objective but on the maintenance of quality and on the balanced emphasis among teaching, research and patient care. . . ."

"In 1957 there was a net loss of \$39,682, after all expenses, including provision for depreciation. But it is noteworthy that this relatively small net loss would have been considerably greater had it not been for substantial increases in investment income and in current contributions. Net operating loss, before investment income and contributions, amounted to almost \$3,400,000, which was about \$335,000 greater than in 1956. Increased operating expenses, caused by inflationary factors, and increases and improvements in services, were not balanced by increases in operating income. . . . A slight increase in the number of patients and of clinic visits, a substantial increase in the reimbursement rates from Blue Cross, and the receipt for a full year of certain increased rates as revised in June 1956, were not sufficient to make up for the increase of \$1,283,000 in operating expenses."

Mr. Schwarz paid special tribute to the Women's Auxiliaries and to the Alumnae Association of the School of Nursing. "They do some of the personal things and support some of the special projects which are beyond the accepted scope of the Hospital's responsibilities," he said.

Mr. Schwarz also called attention to a new feature in the 1957 Annual Report, a report of the President of the Medical Board, Dr. Franklin M. Hanger.

In his report Dr. Hanger noted that "a distinct improvement in the clinical laboratory services was achieved in the past year under the supervision of a diagnostic laboratories committee. . . ."

He also reported on the activities of the special residency committee formed "to bring coordination into the expanded residency program but still maintain healthy flexibility in order that about 250 young doctors

The Medical Center's eighth Arts, Photography and Crafts Exhibition was both bigger and bolder than last year.

Total number of individual exhibitors, 99, was ten more than the 1957 figure. There was a considerable increase in both paintings and photographs, while sculpture and crafts more than held their own. One category, kodachromes, showed a decrease.

"Our Center artists certainly have become bolder in style, more daring in their experimentation," was the verdict of veteran Art Committee members as they inspected the work while arranging the show in the 20th Floor Lounge, Presbyterian Hospital. The exhibition took place there from April 15 through the 25th.

The committee felt that the number of exhibitors evidences a growing interest in art throughout the Center. The high figure was considered especially gratifying in view of the fact that the exhibit consisted of all new work, since the rules bar entry of anything shown in a previous Center showing.

Comments of visitors to the show included many remarking on the wide variety of crafts displayed. It was felt that they provided mute but graphic indication of the leisure-time interests of such participants as nurses, interns, nurses' aides and typists.

The committee responsible for the highly successful exhibition was Miss Cecile Covell, R.N., chairman; Sgt. Edwin H. Behlmer, Dr. Robert G. Bertsch, Miss Marion D. Cleveland, R.N., Dr. Henry S. F. Cooper, Robert Demarest, Dr. Meyer M. Melicow, Mrs. Florence Moore, Miss Harriet Phillips, Chaplain Robert B. Reeves, Jr. and Ivan Summers.

in various stages of training might be enabled to assume clinical responsibility, perfect their skills, and widen their intellectual horizons."

Dr. Hanger also reported that the emergency committee, organized primarily to prepare for mass treatment of casualties in event of a catastrophe, has "drawn up detailed plans for the mobilization of the professional staff and Hospital personnel at any hour of the day or night in the event of a major civilian disaster in the city."

Three Trustees, Other Officers Approved

Continued from page one

has been associated with the International Business Machines Corp. since 1947 and is currently president of the International Business Machines World Trade Corp.

The newly elected honorary trustee, Mr. Cowles, was president of the New York Orthopaedic Dispensary and Hospital in 1945 when it consolidated with The Presbyterian Hospital. His services for both hospitals have spanned a period of 25 years.

Winthrop W. Aldrich, Frederick R. Kappel, Mr. Eaton and Mr. Brown were elected to the Executive Committee of the Board of Trustees. Malcolm P. Aldrich, Mr. Schwarz and Mr. Alexander were appointed to serve with President Craig on the Joint Administrative Board, which has representatives from both Presbyterian Hospital and Columbia University.

Pictures of Volunteers At Work Exhibited

Although it was not officially a part of the Medical Center art show, a separate photographic exhibition, "Volunteers in Action," held in conjunction with it, attracted considerable attention and favorable comment in its own right.

Mrs. Elizabeth Wilcox, professional photographer and a Volunteer, recently made more than 400 pictures, over a period of several weeks, to show the work of the Volunteer Department throughout the Hospital. A selection of these was mounted on two walls near the door entering the 20th Floor Lounge and was on display there for the duration of the arts, photography and crafts exhibition.

Cleo F. Craig New Hospital President

Continued from page one

Turrell Fund. He is also chairman of the Woodrow Wilson National Fellowship Foundation.

Mr. Craig married the former Laura Heck and they have two sons, a daughter and 11 grandchildren.

Associates of Mr. Craig will tell you that he plays a keen game of bridge, is an ardent fisherman, a better-than-average golfer—and that he gets great enjoyment from the company of his eleven grandchildren.

It appears he can find some time for all of these activities and still increase, rather than lessen, his directorates and trusteeships with industrial corporations and philanthropic organizations.

Mr. Craig's associates are amused by his frequent occupation with what he terms "mental gymnastics," which include the tougher variety of crossword puzzles, double acrostics and mathematical games. Very good at them, too, they say.

Doings of Doctors . . .

Dr. Jean Henley, Assistant Professor of Anesthesiology, College of Physicians and Surgeons, and head of that department in Francis DeLafayette Hospital, is one of six American women medical scientists selected by the American Academy of Science for a month's tour of medical institutions in Russia under an exchange agreement which brought six Russian women physicians to this country last October. The group will leave during the second week of May. Dr. Henley speaks the Russian language.

NEW VOLUNTEER CHAIRMAN

Mrs. George F. Baker, Jr. has been appointed by Mrs. Casimir deRham, president of the Board of Women Managers of Babies Hospital, to represent that auxiliary on the Volunteer Committee.

Progress Reported in Treatment of Scoliosis

Continued from page one

preceded temporarily by a hinge type of cast. For casting, the patient lies face down; this permits the orthopedic surgeon to mold the cast firmly to the contours of the back.

Surgeons operate on the straightened spine through a window in the surcingle jacket. They cut the tip of each vertebral arch, and bring it flat to form a bony bridge to the next vertebra. As the cut bone surfaces heal, the vertebral joints are welded or fused together. The result is a spine permanently straightened by fusion of the joints in the area of curvature.

EARLY AMBULATION

In most cases, the jacket holds the spine immobile enough for fusion to take place while the patient is walking around. Thus the patient is able to get out of bed soon after the operation and to resume many of his normal activities during the months required for complete recovery.

Through windows in the jacket, surgeons examine the corrected spine, both manually and by X-ray. Thus they can tell exactly when bony growth linking the spinal joints is complete.

Without such windows, doctors had to guess when to take off jackets and casts. If they took them off too soon, much of the spinal correction might be lost.

Another reason why scoliosis sometimes recurs is failure to foresee at the time of surgery changes that will come with growth. Sometimes children successfully operated on for scoliosis before adolescence develop another curvature during the spurt of spinal growth that occurs from age 11 to 15.

Dr. von Lackum described formulas, developed over a 28-year period of experience, for calculating

the number of vertebral joints that must be fused to allow for future growth. In one child 18 joints were fused without disabling ultimate function, but from 5 to 12 are more usual.

Although early critics of the technique feared that a spinal fusion might later interfere with normal childbirth, this has not proved to be the case. Dr. von Lackum has treated over 500 children for scoliosis. Many of these have become mothers over the last quarter-century and have had their children without difficulty.

What causes scoliosis? Spinal curvature may be a defect of development before birth or the result of paralysis of supporting nerves by poliomyelitis. But for the largest number of patients, Dr. von Lackum says, the cause of spinal curvature is presently unknown and may eventually be traced to a flaw in body chemistry.

Our Nurses at Work Shown in Photo Booklet

Nursing at the Columbia-Presbyterian Medical Center, a 26-page picture book showing how the 730 nurses on our staff work, live and spend off-duty hours, was published last month by the Nursing Service. The handsome design of the booklet was contributed by Peter Nelson of the J. Walter Thompson Co. The pictorial record includes the work of such well-known photographers as Sam Falk of *The New York Times*; Esther Bubley, whose work appears in *Life* and other national magazines; Elizabeth Wilcox, wife of Dr. Herbert B. Wilcox, Jr., of the Medical Service; Werner Wolff of Black Star, who has for several years done the cover photographs for the Hospital's Annual Report.

The booklet is part of a pro-



Dr. Andersen



Dr. di Sant'Agnese

gram, developed by Miss Marion D. Cleveland, Director of Nursing Service, which has put recruiting of staff nurses on a national basis. Full-page monthly advertisements in the *American Journal of Nursing* are also part of the program. These describe the scholarship aid for continuing study available to staff nurses here, housing and other personnel practices. In response to the April advertisement, some 400 requests for the new booklet have already come from nurses in all parts of the country.

The booklet was also sent to all nurses on the staff, who were asked to tell why they chose to work at Presbyterian. Typical reply:

"I wanted to work in a congenial atmosphere, where I would be able to learn the latest techniques in medicine and nursing and where research was being carried on right at my fingertips."

Staff Members to Speak To State Medical Society

Some 22 members of the Medical Center staff will participate in the 152nd annual convention of the Medical Society of the State of New York at the Hotel Statler.

Addressing the general session will be: May 12—Dr. Graham Clark, "Surgery of the Eye." May 13—Dr. Charles A. Flood, "Medical Aspects of Functional Disorders of the Esophagus"; Dr. Harry M. Rose, "The Control of Rickettsial Infections." May 14—Dr. Marcel Goldenberg, "Phochromocytomas." May 15—Dr. Emanuel M. Papper, "The Physician's Responsibility to the Unconscious Patient"; Dr. Joseph Post, "Management of Hepatic Coma."

The following will speak at specialty sections presenting recent medical and surgical advances: Dr. Rita Jacobs, Dr. J. Lowry Miller, Dr. Meyer H. Slatkin, Dr. Joseph Post, Dr. Arthur J. Patek, Jr., Dr. Lewis J. Doshay, Dr. Abner Wolf, Dr. J. Lawrence Pool, Dr. H. Houston Merritt, Dr. Sidney Carter, Dr. Melvin D. Yah, Dr. Joseph Ransohoff, Dr. Daniel C. Baker, Jr., Dr. Edmund P. Fowler, Jr., Dr. John K. Lattimer, Dr. Juan Manuel Taveras, Dr. Perry Hudson, Dr. Milos Basek.

Pioneer Work in Cystic Fibrosis by Doctors Here

The May *Reader's Digest* includes an account of Dr. Dorothy H. Andersen's pioneer work in defining a disease of childhood, cystic fibrosis of the pancreas. In the 1930's, Dr. Andersen, now chief pathologist of Babies Hospital, began to seek, in post-mortem studies, the cause of a mysterious "lung disease" from which a number of children were dying. She found that 1) the bronchial tubes and lungs were permeated by mucus; and 2) the ducts that carry digestive enzymes from the pancreas to the intestine were plugged by a gelatin-like substance. These findings accounted for the breathing difficulties and malnutrition from which children affected by the disease suffer, and showed that both sets of symptoms might have a common origin.

The *Digest* also described the diagnostic method developed by Dr. Paul A. di Sant'Agnese of Babies Hospital which has made it possible to detect this congenital disorder at an early stage. Dr. Robert Darling, now Director, Service of Physical Medicine, collaborated in the original experiments.

Recognizing cystic fibrosis as a disease of the mucous glands, Dr. di Sant'Agnese reasoned that other exocrine glands, including the sweat glands, might be affected. This proved to be the case, and the high salt content found in the sweat of children with the disease paved the way for a simple and fast diagnosis. The work also showed that cystic fibrosis sufferers could be effectively protected from death due to heat prostration by extra salt intake in hot weather.

The National Cystic Fibrosis Research Foundation has established the week of May 18 as Cystic Fibrosis Week. The Foundation was organized by Dr. Wynne Sharples, an alumna of the College of Physicians and Surgeons. Dr. Sharples has two children who suffer from cystic fibrosis. The Foundation has raised more than \$200,000 for research which has already yielded tangible results in more effective treatment and may eventually throw some light on the rare gene defect believed to be the cause of the disease.

FROM 500 PATIENTS SUCCESSFULLY TREATED for spinal curvature, Dr. von Lackum chose 17 to present to Academy. Girl at right, first row, is still wearing correction jacket.





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 6

JUNE, 1958

Dr. Rappleye, Dean at 39, Helped Reshape Medical Education and Practice

When Dr. Willard Cole Rappleye became Dean of the College of Physicians and Surgeons at the age of 39, medicine was on the threshold of the scientific advances that have transformed the condi-



Dr. Willard C. Rappleye

tions of life in a large part of the world.

Honoring Dr. Rappleye's many contributions to medicine, the *New York Times* said in an editorial: "In adapting the medical curriculum to meet the needs of the rapid pace of medical progress . . . Dr. Rappleye has been among the out-

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Staph. Aureus Report

Outbreaks of disease caused by penicillin-resistant strains of an old enemy, *Staphylococcus aureus*, have put hospital defenses against infection in the spotlight. For the facts about whether the penicillin-resistant microbe is causing trouble at this hospital, see the special report, page 3.

5 Hospital Auxiliaries Give Varied Services

"We especially desire the assistance of earnest, benevolent ladies, who would become interested in some of the most needy cases and visit them in their homes."

This was the plea made in 1872 by Dr. Charles Fayette Taylor when he assumed charge of the newly founded (in 1866) New York Orthopaedic Dispensary and Hospital.

The records show that "earnest, benevolent ladies" gave generously of their time and effort, not only at Orthopaedic but at other hospitals which were later to become one under the corporate title of The Presbyterian Hospital in the City of New York. Their successors are still doing so today.

These groups were the forerunners of today's Auxiliaries. Back

Continued on page seven

HOSPITAL WEEK PUBLICIZED

Our 'Candy Kids' Appear On Garroway Show



FACING TV CAMERAS for the first time, three of our Volunteer "Candy Kids" gave commendable performances on the Dave Garroway "Today" Show. From left to right above are: Elizabeth Carver, Hope Finney, Vivian Himmelweit and interviewer Lynn Taylor.

Three of Presbyterian Hospital's teen-age girl Volunteers helped in calling nationwide attention to National Hospital Week (May 11-17) by their appearance on the Dave Garroway "Today" Show (NBC-TV) on May 13.

Those who appeared on the popular morning television program were Elizabeth Carver, 18, Hope Finney, 16, and Vivian Himmelweit, 17.

The "Candy Kids," as the 'teen girl Volunteers have become popularly known since adoption of their attractive peppermint-striped pinafores, were interviewed by Miss Lynn Taylor, well known West

Coast television personality who was Garroway's "guest hostess" during that week. The girls were "on camera" for three minutes, which gave each a chance to describe some of her duties in serving the Hospital.

Miss Taylor pointed out that the theme of National Hospital Week was "Careers That Count," stressing the interesting hospital careers open to young people, and in concluding paid tribute to her guests as "three girls who give their time free—so that some of us can live a little longer."

Besides meeting Mr. Garroway, the girls had opportunity to chat with such fellow performers as Eugene Lyons, noted foreign correspondent and author; Chet Huntley, widely known news commentator; and "Kokomo," the irrepressible chimp who is a regular feature of the show.

2nd HOBBY NEXT MONTH

Due to a space problem, the second in *Stethoscope's* proposed series of unusual Medical Center hobbies could not be used in this issue. The second article in the series will appear next month.



AUXILIARY HEADS or designated substitutes are pictured above at one of their recent monthly luncheons with Executive Vice-President A. J. Binkert, this being one of the means of keeping them up to date on what is going on in the Hospital. Left to right, seated: Mrs. H. S. Fenimore Cooper, Mrs. Robert E. Carroll, Mr. Binkert, Mrs. Robert C. Wheeler, Miss Hope Kingsley, Mrs. H. Houston Merritt. Standing: Dr. James E. McCormack, assistant vice-president; Miss Eleanor Lee, Director of Nursing, Mrs. Thatcher M. Brown, Jr., Mrs. Howard G. Bruenn, Mrs. Conrad M. Riley, Mrs. Casimir deRham, Mrs. Ralph H. Boots.

REPORTERS

Accounting—Helen Hockenberger. *Building and Grounds*—Margaret Muccilli. *Babies Hospital*—Loretta Molzahn. *Chaplain*—Robert B. Reeves, Jr. *Elevators*—John J. Callahan. *DOS*—Mrs. Florence Moore. *Eye Institute*—Helen Meade. *Nursing Service*—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing). *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Mrs. D. W. Hood. *Mail & Messenger*—John J. Campbell. *Occupational Therapy*—Elizabeth Scully. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). *Telephone*—Mrs. Ann Traino. *Vanderbilt Clinic*—Barbara Little. *Volunteer*—Laura Vossler.

HAPPY FACES REWARD SPONSORS

Two Circus Parties Provided for Youngsters

In two separate circus parties emanating from the Medical Center recently, two groups of children were given a day they could long remember—a day when they could laugh and forget at least temporarily that there had been "bad days" in their young lives.



FASCINATION over attractions at the circus is evidenced by expression of Elaine Evans, among guests of Urological Clinic party.



WONDERMENT over how they can do such marvelous things seems to be the thought of Stephen Kahn, another of this group of 22.

STETHOSCOPIA

• WELCOME TO: Mrs. Selma Gale, the new librarian of the Milbank Library, succeeding Mrs. Dorothy Hood. Mrs. Gale's past library experience was at the New York Public Library, Denver General Hospital and at her alma mater, the University of Denver, where she obtained a B.A. degree in Library Science. She is now working on her M.A. at the New York School of Social Science. She is married and has a daughter, Alissa, age 8.

• ENGAGEMENTS: Dr. and Mrs. Hans Strauss have announced the engagement of their daughter, Maryann Strauss, to John W. Sewell. Dr. Strauss is lecturer in Neurology, College of Physicians and Surgeons.

Richard A. Anderson, 2nd year medical student, College of Physicians and Surgeons, to Bonnie M. Bolte, a Goucher College junior. A summer wedding is planned.

Peter B. Hope, 1st year medical student, College of Physicians and Surgeons, to Janet Best, a junior at Wellesley College.

• MAY WEDDINGS: The Pauline A. Hartford Memorial Chapel was the setting for the marriage of Janet Irene McIlwain, head nurse, Presbyterian Hospital, to Thomas A. Monroe. The Rev. Jacob W. Leininger performed the ceremony.

Daniel L. Weiner, 4th year medical student, College of Physicians and Surgeons, to Carol E. Graber, a Columbia University graduate.

• JUNE WEDDINGS: Elizabeth Schwartz, daughter of Dr. and Mrs. Sidney P. Schwartz, to David L. Alexander. Dr. Schwartz is Associate Clinical Professor of Medicine, College of Physicians and Surgeons.

Mary Maggard, nursing student, class of '58, to O. P. Miller, 3rd year medical student, College of Physicians and Surgeons.

Joy Hadden, nursing student, class of '58, to John W. Taylor, a graduate of Trinity College.

Lawrence L. Scherer, 4th year medical student, College of Physicians and Surgeons, to Linda Keen, who has completed studies for her M.A. degree at Bank Street College of Education.

PHOTO CREDITS: All pictures on pages 1 (except Dr. Rappleye), 2, 4, 5 and 6 by Elizabeth Wilcox; page 3 picture by Esther Bublely.

Sagacious Advice

On the ninth floor of Babies Hospital, Unit Manager Elizabeth Callahan and Dr. Conrad Riley were perplexedly conferring, wondering where to put patients while renovation work was in progress. A little boy came up, noticed Miss Callahan's serious, brow-furrowed countenance, looked up at her and offered this sage advice: "Don't be worried."

He was about three—much too young to understand that old saying which goes something like, "It takes 67 muscles to make a frown and 13 to make a smile—why work your face overtime?" But he had the right idea!

Annual Fund Drive On, 100% Return Sought

With a "kick-off" program held May 13, Presbyterian Hospital's effort in the 1958 Greater New York Fund Campaign got under way. The 83 teams will keep going until June 15, striving for 100 per cent participation, as against 82.4 achieved last year.

Speakers at the opening rally emphasized that this is the only fund campaign to which Hospital employees are asked to contribute. "A minute a day" is the suggested "fair share way" pledge. This is computed at 10 per cent of a week's salary for those paid on a weekly basis, and at .2 per cent of annual base salary for those paid on a yearly basis.

Roll of Honor...

Dr. Edward V. Zegarelli, professor of dentistry, Columbia University School of Dental and Oral Surgery, has been appointed the first Dr. Edwin S. Robinson Professor of Dentistry. This was established through a bequest from the estate of Mrs. Julia K. Robinson to the Robinson Fund, income from which endows the professorship in memory of her husband, who was a dentist.

For the past several years, through the cooperation of New York Social Service organizations and the Madison Square Garden Corp., one circus day has been set aside each spring for the entertainment of several hundred underprivileged children. This year's party was on April 28 and the Garden provided 90 tickets, for 75 children and 15 adults, for its guests from this Hospital.

The tickets were divided among children from the Seizure Clinic and the Pediatric Clinic. Transportation was provided by a station wagon ambulance supplied by the Red Cross and a Fifth Avenue Coach Lines bus made available by John E. McCarthy, president of the company.

On May 3, another group, consisting of 22 children from Babies Hospital, was taken to the circus through the generosity of staff, personnel and patients of the J. Bentley Squier Urological Clinic. The committee which arranged this party asked *Stethoscope* to express

Dr. deVictoria Retires, On Staff for 37 Years

In a tribute marking his retirement, Dr. Cassius Lopez deVictoria was guest of a group of coworkers at a recent dinner party held at the Men's Faculty Club.

An assistant attending physician, Service of Physical Medicine and Rehabilitation, at his retirement, Dr. deVictoria had served on The Presbyterian Hospital staff since 1921. He also was a special lecturer in the training courses for physical therapists at Columbia since their inception in 1943. A dedicated physician with a large medical practice, he always found time to give service to his patients in Vanderbilt Clinic.

its appreciation to participants with this statement:

"It would be difficult to mention all the names, but you know we mean you. We do feel, however, that we owe special thanks to Mr. Robert Campbell (our adult patient's father) who so kindly interested Mr. Paul Kuykendall with the resultant donation of a large bus; also, Mrs. Elizabeth Wilcox, whose pictures taken at the Garden will tell more stories than words. To all of you, we are truly grateful, and believe your reward will be via the heart."

Record for Volunteers Achieved During April

New records were attained by the Volunteer Department in April, both in total number of individual volunteers and in hours of service.

Giving 9,282 hours of service, 469 volunteers bettered the previous record of 8,568, set only the month before. The new high was an increase of 15 per cent over the figure for April, 1957, and corresponded to the working time of 56 full-time employees.

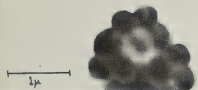
Thirteen Presbyterian Hospital volunteers were capped as nurses' aides last month, having completed the American Red Cross course under supervision of the Hospital nursing staff.

181 Volunteers Cited

Seven women and one man who each served more than 5,000 hours during 1957 were among 181 Presbyterian Hospital volunteers honored at the recent 18th annual meeting for presentation of United Hospital Fund awards. These Honor Roll volunteers were Mrs. Hattie H. Bruns, Mrs. Deborah Epstein, Morris Feld, Miss Maud Musgrave, Mrs. Dorothy Paschal, Mrs. Marion Ware, Mrs. Mildred Weber and Mrs. Olga Zarganis. In other categories, the numbers of our volunteers receiving awards were: 1,000 hours, 38; 600, 13; 400, 39; 150, 83.

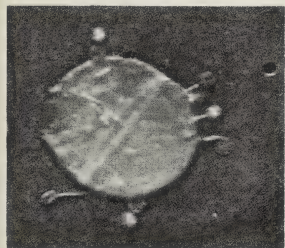
REPORT ON STAPHYLOCOCCI: Our Defenses Are Good

University of Pennsylvania



OUR ENEMY, *Staphylococcus aureus*, above, as seen by electron microscope, 16,000 times life. Below, single *Staphylococcus aureus* after attack by its enemy — the bacteriophage.

Natl. Inst. for Med. Research, London



Asepsis, Bacteriological Checks, Scrupulous Housekeeping Have Kept Us Free of Infection

Recent and sudden outbreaks of infection in a few U. S. hospitals have spotlighted the fact that one of man's oldest enemies—the microbe called *Staphylococcus aureus*¹—has developed some new defenses.

This round, glistening globe of bacterial life was called recently by the *Reader's Digest* the "golden villain plaguing our hospitals." How much trouble is it causing at Presbyterian?

The happy answer is "not much"—so little, in fact, that there have not been enough cases for proper study of the pathway of this sort of infection.

Presbyterian has been a fairly impregnable stronghold of antiseptic and asepsis since the day in 1876 when our surgeons operated under the first Listerian carbolic acid spray used in the U. S. Tested aseptic techniques were not relaxed here when antibiotics arrived to aid greatly in medicine's long combat with invading microorganisms.

So far, the classic hospital bulwark against infection—effective medical and surgical treatment, aseptic techniques, isolation of patients with infection, scrupulous housekeeping—has been enough to keep *Staph. aureus* from causing an outbreak of disease at Presbyterian.

Since the reappearance of "the staph problem" some six or eight years ago, this hospital's defenses have been strengthened in a num-

¹ *Micrococcus pyogenes variant aureus* is the proper name, which means the pus-forming and golden pigment producing microorganism.

ber of ways. They are continually under inspection from two medical command posts: the committee on communicable disease and antibiotics and the committee on wound healing.

A distinguished special resource is the surgical bacteriology laboratory organized in 1925 by Dr. Frank L. Meleney, who brought the Hospital's wound infection rate down from 19 to below 2 per cent—where it has stayed ever since. Miss Balbina A. Johnson, the pres-

ident director of the laboratory, discovered the antibiotic (bacitracin) that is among the most effective in destroying *Staph. aureus*.
Phage-typing of *Staph. aureus* is the newest addition to the many resources of the bacteriology laboratories operated by the Department of Microbiology and directed

Continued on page four

OPEN-HEART SURGERY and other complex modern procedures are today possible because infection risk has been minimized by Halstedian surgical methods as well as by rigorous aseptic technique, checked continually at Presbyterian by bacteriological laboratory.

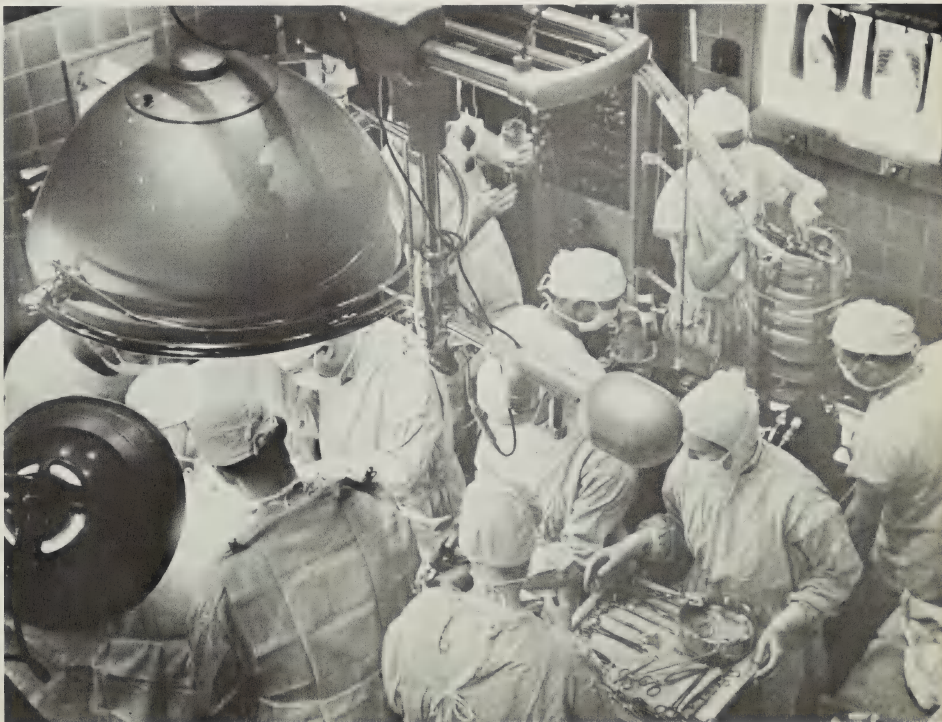
Highest Honors in U. S. Science, Medicine Here

Elected to the nation's most distinguished scientific body, the National Academy of Science, are: Dr. André F. Cournand and Dr. Dickinson W. Richards of the Department of Medicine, and Dr. David Shemin of the Department of Biochemistry.

Dr. Cournand and Dr. Richards were awarded the Nobel Prize for their studies of heart-lung action. Dr. Shemin's pioneering studies have established the enzyme pathway by which hemoglobin and other respiratory pigments are formed in the blood.

Other staff members who are members of the National Academy: Dr. Robert Loeb, director, Service of Medicine; Dr. A. Raymond Dochez, Borne Professor of Medicine, Emeritus; Dr. David Rittenberg, Department of Biochemistry; Dr. Michael Heidelberger, Professor of Immunochimistry, Emeritus.

At their annual meeting, the Association of American Physicians voted to award their highest honor, the George M. Kober medal, next year to Dr. Robert Loeb.



Report on Staph: Our Defenses Good

Continued from page three

by Dr. Harry M. Rose and Dr. Calderon Howe. Phage-typing is a powerful instrument not available in all hospitals. What this instrument is, and why it is important, can only be described in terms of some of the curious facts of the long struggle of this microscopic parasite for life among us.

In the first place, at least half of the inhabitants of the healthy U. S. carry *Staph. aureus*—in their noses, on their skin. Why the bacteria live at peace with many healthy hosts and cause a variety of diseases in others is one of the many unknowns that make it hard for medicine to come to grips with the wily staphylococcus.

NEW FOOTHOLDS FOR SURVIVAL

While *Staph. aureus* are anything but a "new problem"—Koch saw the bacteria in pus, and widespread epidemics of impetigo, one of the diseases they cause, were described as early as 1773—the problem does have a new aspect. This is the micro-organism's extraordinary ability to develop new footholds in the struggle for survival.

Staph. aureus, long the bane of operating rooms, was among the first organisms found to be susceptible to penicillin. In fact, it was on a plate culture of staph that Fleming first saw the clear ring that signaled the advent of penicillin, carried, as every schoolboy knows, by a chance speck of dust blown in the window.

But scarcely had penicillin come into wide use when medical scientists began to note a new and

troubling quality in which *Staph. aureus* by far outstripped streptococci, pneumococci, meningococci and all the other bacterial invaders which Fleming's lowly mold had routed. This was the remarkable ability of this bacterium to produce new generations which proved highly resistant to penicillin and, later, to streptomycin, tetracycline and certain other antibiotics.

As rapidly as penicillin destroyed the staphylococci, mutants, not sensitive to penicillin, appeared in the dying colonies and multiplied into new generations, all of which inherited their forefathers' resistance to penicillin. In fact, the resilient staph even produced some mutants that, far from being killed by penicillin, actually turned out to require it for survival.

Since a new generation of staph can appear every hour or so and since perhaps a million staphylococci can travel on a speck of dust, it was no time at all before penicillin-resistant staph were, as scientists say, "widely seeded" in all countries where penicillin was in use. Because more penicillin is used in hospitals than anywhere else, more penicillin-resistant strains of *Staph. aureus* were found to be living in hospitals than living, say, in your home.

HOME MAY NOT BE HEALTHIER

This does not mean that your home is a healthier place to be than a hospital. There are plenty of staph at home, too (as there are other sorts of disease-producing bacteria), but house-bred staph are

less likely to be resistant to penicillin and certain other antibiotics.

In Presbyterian's surgical bacteriological laboratory the pattern of staph's resistance to penicillin and certain other antibiotics has been documented since the first clinical use of the drugs. These studies show that in hospitalized patients, the resistance of infectious staph strains to penicillin rose from 19 per cent in 1945 to 77 per cent in 1954. Resistance to tetracycline rose from 6 per cent on its first use here in 1949 to 65 per cent in 1954. Resistance to bacitracin has remained at 6 per cent.

ANTIBIOTIC SENSITIVITY TESTING

Dr. Meleney and Miss Johnson became early crusaders in a national campaign to persuade all hospitals to make "constant and complete use" of a bacteriological laboratory. Culture of infecting organisms means prompt identification of the disease-producing agent. Antibiotic sensitivity testing, which is done routinely for all infections in this hospital, means that the most powerful antibiotic or combination of antibiotics can be identified for the individual patient.

Resistant to heat and disinfectants, certain staph are also remarkably well-equipped for invasion of their preferred domicile, the human body, where they cause diseases ranging from boils to an occasional fulminating blood poisoning which may be fatal. Lurking in unrefrigerated cream pastries, custards and meats, staph produce an intestinal toxin that is the most common cause of food poisoning. Staph cause 90 per cent of the bone infection, osteomyelitis.

Not all the tribes that make up

the microscopic nation of *Staph. aureus* produce disease, of course. All the potential disease producers destroy red blood cells, and this was the first signal scientists used to tell dangerous staph from the peaceful kind. Next they noted that certain staph have another talent, shared by no other bacteria. These produce an enzyme (coagulase) which not only clots the blood plasma, but also dexterously removes from it a fibrin coat. Wearing this overcoat, the single-



DR. HOWE: haphazard use of antibiotics may mask, but not cure, infection in blood.

celled bacterial invaders are protected from engulfment and destruction by the formidable defending army of the human bloodstream, the white blood cells.

Ingenuously armed though they are, the staph are, luckily, not without their own enemies—as lethal for them as they are, on occasion, for us. These are the virus parasites that invade bacteria: the bacteriophages.

Sized like a rabbit to an elephant (see microphoto, page one), the phage attack a bacterium in force. Within 20 minutes they can enter and destroy a staphylococcus, spilling countless descendants out of the colorless "ghost" or membrane that is all that is left of the bacterial cell.

In pre-antibiotic days, medical scientists tried to put phage to use as bacteria hunters in the human body. Columbia-Presbyterian bacteriologists worked with one of the pharmaceutical companies in an attempt to develop phage as a healing drug, but it proved impossible to convert the fragile viruses into a stable product.

HOW TO SORT OUT STAPH

Now, in the Department of Microbiology's bacteriology laboratories, phage are once again being turned against *Staph. aureus*, but in a very different way. Within the last decade, British scientists discovered that the teeming world of *Staph. aureus* could, to a certain extent, be classified into types according to the kind of bacteriophage which destroy them.

This kind of sorting out was set up here some months ago by Dr. Rose and Dr. Howe, a microbiologist who recently showed how the flu virus may attach itself to the red blood cell (STETHOSCOPE, October 1957).

VIRUSES (bacteriophage) that prey on bacteria are used to tell one staph from another. Fragile bacteriophage, taken from 24 test tubes surrounded by ice, are placed on plate culture of staph in checker pattern by Louise Goode in bacteriology laboratory.



Report on Staph: Our Defenses Good

Continued from page four

"Phage-typing is important because it is the only way to find out whether a staph carried, say, in the nose of a doctor or nurse is the organism that is producing an infection found in a patient," Dr. Rose said.

This is a key part of the "new staph problem" because doctors



DR. HABIB: good surgical technique keeps the body's own defenses high.

and nurses who work closely with antibiotics have been found to be carriers of staph strains that are highly resistant to penicillin. At the same time, these staph strains have not been found to produce disease in the persons carrying them.

Do penicillin-resistant staph sometimes move from healthy hospital staff to patients whose resistance is low? Fortunately, so few patients at Presbyterian have had staph infections that there has not been much material for such "pathway" studies, but phage-typing is being done of all instances that appear, as well as of organisms found in regular samplings of patients without infections, of air of various hospital areas, and of personnel.

HOW DOES INFECTION SPREAD?

"So far, no one has proved the true source of the organism that has produced outbreaks in some hospitals, or its method of spread," Dr. Rose said. "Certain phage studies suggest that healthy carriers play less of a role than an occasional worker with a boil or other active infection."²

"Patients with infections are, of course, isolated and cared for by isolation techniques," Dr. Yale Kneeland, chairman of the committee on communicable diseases, said. "Not only are all active infections isolated, but a patient suffering, say, from pneumococcal pneumonia is separated from the rare patient suffering from staph pneumonia, lest the staph appear where the pneumococcus has been conquered."

² For example, a recent Temple University survey of all personnel in its teaching hospital showed that 41 per cent carried *Staph. aureus*, but only 4 per cent carried the type responsible for a local outbreak of boils.

"The Asian flu outbreak was, of course, accompanied by some staph pneumonias. The relatively few cases seen here were handled by a massive antibiotic attack. We used everything to which the organisms showed sensitivity."

"Headline readers may assume that all antibiotics are ineffective against the 'resistant' staph strains. The fact is that, not only bacitracin, but a number of other antibiotics are available to which resistance has not been developed, and new products reported as effective against staph are rapidly appearing."

HAPHAZARD DOSAGE DANGEROUS

The medical staff of Presbyterian has since the advent of antibiotics consistently warned against improper use of these drugs.

For example, Dr. Howe mentioned in a recent paper the case of a general hospital where two-thirds of all patients admitted in a single month received antibiotics—"the vast majority . . . in the absence of recognized infection."

"Haphazard administration of penicillin or other antibiotics in non-hospitalized patients may have serious consequences," Dr. Howe warned. "An antibiotic given without knowledge of the organism causing the infection may clear enough of the bacteria from the bloodstream to make later identification impossible, although symptoms may have become acute."



MISS LANGMUIR: a vigilant eye.

"When infection occurs in 'clean' wounds, it is usually possible to trace it to some break in surgical technique," Dr. David Habib, chairman of the wound healing committee, said.

While the surgical bacteriology laboratory and the operating floor nursing service under the vigilant eye of Miss Beatrice Langmuir, assistant director of nursing, are safeguards, Halstedian surgical technique must itself be credited for a record of some 6,000 general surgical operations last year and a wound infection rate (clean and clean-contaminated cases) of less than 2 per cent.

Presbyterian's "silk" school of surgery teaches infinite care in the handling of body tissues, after the

Continued on page six



MISS JOHNSON: from a smear of street-dust, an antibiotic to fight staphylococci.

Discovery of Antibiotic Used the World Over Thought at First a Lab Mistake

Bacitracin, an antibiotic that is among the most effective against *Staphylococcus aureus*, came into this Hospital in a smear of street dust. The arrival was marked by what was at first thought to be a laboratory mistake.

Working with a bacterial culture taken from a leg wound of a girl brought in for emergency surgery after a street accident, Miss Balbina Johnson, director of the surgical bacteriological laboratory, turned in her report. A number of micro-organisms were present; *Staph. aureus* conspicuously was not. Miss Johnson was under fire: *Staph. aureus* had been seen in the plate sample taken from the open wound in the operating room. What had happened to it?

Confident of the reliability of the laboratory's culture methods, Miss Johnson refused to concede that a mistake had been made. But there had been, she recalled, a fair number of puzzling instances where a staph, seen in the first microscopic examination of a plate sample, had somehow dropped out of the 24-hour culture.

NIGHT WORK AND INSIGHT

She hauled out the records of several years, checked through them nights. She found the puzzling half-dozen or so cases. There was one similarity: they were all cultures in which bacilli had been found.

Trained in a laboratory where Dr. Meleney had emphasized the antagonisms and synergisms of microbial life, Miss Johnson, with a flash of insight, recognized that a staph-destroying organism might have been operating in the culture.

Dr. Meleney agreed and urged Miss Johnson to undertake studies to identify the organism.

BACILLUS OF TRACY

In the culture from which *Staph. aureus* had inexplicably disappeared, Miss Johnson found a harmless bacillus, *B. subtilis*, which had apparently been growing in street dust in which the patient's wounded leg had been dragged. *B. subtilis* proved to be the producer of a substance which was a powerful killer of *Staph. aureus*.

Dr. Meleney (now retired from Presbyterian and a member of the staff of the University of Miami Medical School) directed the clinical studies which proved that the new antibiotic could be safely and effectively used to combat many kinds of bacterial infections, and a number of pharmaceutical companies began to produce it. Named Baci- (for bacillus) and -tracin (for Tracy, name of the girl in whose wound it was found), the antibiotic discovered in our surgical bacteriology laboratory is today in use all over the world.



MISS CRAWFORD: skilled hands keep this 4-day-old safe from infection.

Report on Staph: Our Defenses Good

Continued from page five

great innovations developed by Johns Hopkins' famed Halsted. Small clamps, small ligatures, delicate and painstaking techniques that leave no tension in the wound and assure a good supply of blood to operative areas—all these protect against post-operative infection by interfering with the body's own defenses as little as possible.

TECHNIQUE UNDER CONSTANT REVIEW

"Our aseptic technique, both on the operating floor and in the surgical wards and rooms, is under constant review," Dr. Habib said. "We adopted 8-ply or double-masking several years ago. Sterile goods both for operating use and for wound-dressing, are packed individually for each patient and autoclaved in pack. Sterile techniques for taking blood, giving infusions, and in making the skin and vein punctures many modern therapies require, are equally important.

"The Nursing Service deserves great credit for the role it has played in adhering to a thorough-going aseptic regimen in all aspects of patient care."

Good nursing techniques are es-

pecially important in guarding the newborn nurseries, which have been found to be a focus of staph infection in hospital outbreaks reported from Seattle, Dallas and Houston.

THREE GRADES OF NURSERIES

"Such a simple matter as thorough cleansing of hands after touching each infant is a major factor in preventing spread of bacteria," Miss Mary Crawford, assistant director of nursing for obstetrics and gynecology, said. "Nurses showing respiratory or skin infections are sent off duty.

"Three grades of nurseries are also important in helping us control an infection before it spreads. These are normal, observation, and isolation. The nurse is able to put an infant showing the slightest departure from a healthy condition into an observation nursery where it will be examined by a doctor. Nursing and other personnel are not interchanged among nurseries."

BACTERIAL POPULATION PRESSURES

Regular checks of bacteria in the nurseries are being made from cord samples by Dr. Katherine Sprunt, a member of Dr. Hattie

Alexander's famous team of microbe hunters.³

"There are far more unknowns than knowns in the staph picture," Dr. Sprunt said. "Why certain phage-types seem to flare up in a few places and live quietly without causing disease in others is a question that can only be answered when many more of these unknowns are filled in. We believe that a long-term record of changes in the bacteria found in the nurseries may help to disclose something about population pressures in the bacterial world that may be one factor (but only one) in the complex picture of outbreaks of staph disease."

MICROBIOLOGY IN THE LAUNDRY

The Hospital's defenses against staph and other bacteria extend through the Maintenance and Construction Department, which seals interior building operations inside wall-high plastic envelopes to prevent scatter of dust, and the Housekeeping Department, which sweeps with electrostatically charged dry cloths for the same reason.

The Laundry Department is another key point of defense. Soaps and other laundry chemicals are themselves bactericidal, while washing at 160° temperature maintained by live steam and segregated laundry of bedding used by patients with infection have helped to maintain a high degree of sterility.

³ Dr. Alexander succeeded in 1939 in producing an antibody in rabbits which proved to be the first effective treatment for childhood meningitis caused by *H. influenzae*, until then almost invariably fatal.

Like every other part of this teaching hospital, the Laundry can draw on the resources of Columbia's top-rank Department of Microbiology which maintains a constant check of the effectiveness of the methods used.

While these and other measures are keeping Presbyterian clean and free of cross-infection, our medical experts point out that there is no room for complacency, and many a group of investigators in addition to those which limited space permits us to mention are working here at the Medical Center on various aspects of the life and death of *Staph. aureus*.

One result of the resistance that staph has shown to antibiotics is a renewed interest, felt by investigators everywhere, in the "host factors" in bacterial infection—how staph and other bacteria and viruses enter and live within the cells of the body, how, in healthy hosts, they are destroyed or, sometimes, converted to peaceful settlers by the incredibly varied resources of bodily defense. Interest in these resources may have been somewhat diverted by the antibiotic decade.

Many an investigator has decided that why we stay well is a more profound mystery than why we succumb to the many causes of ill health. Still largely unknown, glimpsed now and then at the advancing front of medical science, are unplumbed resources in the human bloodstream whose discovery and exploitation may eventually rout not only the persistent staph but many another, graver threat to health and happiness.

ELECTROSTATICALLY CHARGED cloths used for dry-mopping floors prevent dust scatter, are recharged weekly. Leon Williams, with hospital 12 years, says they do a good job.



Dr. Rappleye Changed U. S. Medical Education

Continued from page one

standing leaders. As a result of his initiative and understanding, the College of Physicians and Surgeons, already one of our leading institutions of medical education, has become one of the most advanced of its kind in the world."

In announcing Dr. Rappleye's retirement on June 30 as Columbia's Vice President in Charge of Medical Affairs and Dean of the Faculty of Medicine, President Grayson Kirk paid marked tribute to Dean Rappleye.

"In his many years as a teacher and administrator of medical education, Willard Rappleye has gained a well-deserved national reputation," Dr. Kirk said. "He has been one of the country's most influential representatives of medical education and a leading interpreter of the profession's problems and objectives."

Dr. Rappleye's lasting influence in U. S. medical education began in 1925, just seven years after his graduation from Harvard Medical School. As director of study, he wrote the famous report of the Commission on Medical Education, a group whose 19 members included five university presidents and such medical leaders as Walter Bierring, William Darrach, Ray Lyman Wilbur, David Edsall, and Hans Zinsser. The report, the first clear and comprehensive look at American medical schools since Abraham Flexner's study, had results almost as far-reaching.

Among the many results of the report: State medical boards stopped prescribing what medical curriculums should be and freed medical schools to mold their programs to meet changing needs and the high standards of scientific scholarship.

Succeeding Dr. William Darrach as Dean of Columbia's College of Physicians and Surgeons in 1931, Dr. Rappleye guided the College to its present place among the world's great medical schools.

Intern and Residency Training

During this period the Dean also completed a second national study which helped set new patterns for internship and residency training. He also served as President of the Advisory Board for Medical Specialties, Chairman of the Commission on Graduate Medical Education, President of the Advisory Council on Medical Education and President of the Association of American Medical Colleges. He helped Mayor LaGuardia organize the Health Insurance Plan for Greater New York and served as the City's Commissioner of Hospitals.

Son of a self-taught, inventive mechanical engineer, grandson of a Wisconsin farmer, and direct descendant of one of the early Dutch settlers of New York, Dr. Rappleye got an early start at his lifelong habit of holding down three or four jobs at once. The interest in medicine that was later to contribute substantially to the national welfare began at a



AN EARLY INTEREST of the Cribside Social Service Committee of the Board of Women Managers of the Babies Hospital was the "Summer Branch" operated between 1893 and 1933 at Oceanic, N. J. Picture of nurse and her happy small patient is reproduced from a booklet published in 1933.

small hospital near his home in Menominee, Michigan, where he helped out after school.

At 18 Dr. Rappleye left a promising job as assistant manager of a steel-working plant to begin working his way toward a medical education. He started at the University of Illinois, wound up with an honor scholarship to Harvard Medical School.

At Harvard Dr. Rappleye continued to work as an anatomist and neuropathologist and during his last year was pathologist at one of the state mental hospitals. Although he was able to graduate *magna cum laude*, the Dean has never forgotten, as many a graduate of the College of Physicians and Surgeons could attest, what it is like to work your way through medical school. One of the major campaigns of his life has been the attempt to get assistance for students who could not otherwise get through school.

Rappleye Scholarship Fund

In affectionate honor of the man whose influence lives in the career of each one of them, alumni of the College of Physicians and Surgeons have created the Willard Cole Rappleye scholarship fund. Terms of scholarship award are left to Dr. Rappleye.

In a career whose many achievements defy listing, Dr. Rappleye has received countless honors. Last year, for example, the Federation of State Medical Boards, whose members are medical leaders, gave its first award of merit for "early and continued leadership" to Dr. Rappleye. But, in a way, the 2,000-year-old words of Hippocrates best characterize Columbia's genial Dean "... prompt to do his whole duty, without anxiety."

DELIVERS LECTURE

Dr. Morton Hoberman, Service of Physical Medicine and Rehabilitation, delivered a lecture and demonstration before a recent meeting of the Chicago Society of Physical Medicine and Rehabilitation on the topic, "An Evaluation of Bindegewebes-

5 Hospital Auxiliaries Give Varied Services

Continued from page one

in Dr. Taylor's time, and until well into the present century, the "benevolent ladies" took on all kinds of tasks. In the hospitals, they served as the counterparts of present-day Volunteers and Nurses' Aides. On the outside, providing assistance to "most needy cases," their valiant effort was a combination of visiting nurse and social service worker.

Much of this, of course, has changed in the operation of a modern hospital. Now there is a supervised volunteer department; and in comparatively recent years Social Service has become a specialized field, with workers especially schooled and trained to perform such tasks on a full-time basis.

What then, the uninitiated might ask, does the modern-day hospital women's auxiliary accomplish; how does it help the hospital?

The answer is that today's "benevolent ladies" have undertaken many other special projects, which add up to a total effort considered invaluable by the hospital administration.

Without attempting to set them down in any order of importance, some of their activities include: Fund raising; public relations; sponsoring occupational and recreational therapy programs; providing summer camp opportunities for child patients; private nursing for patients who require but can't afford it; scholarship funds for nurses; financial as well as other assistance to Social Service and volunteer programs; contributions to libraries; assistance to the Red Cross in sponsoring Nurses' Aide training programs; contributions to the House Staff loan fund; providing Christmas programs and other seasonal activities for child patients. Auxiliary teams play an important part in the annual campaign of the United Hospital Fund.

Some of these activities are individual group projects, while others are shared by the five auxiliaries affiliated with the Medical Center; the Board of Women Managers of Babies Hospital, Mary Harkness Convalescent Home Auxiliary, Neurological Institute Auxiliary, Women's Auxiliary of the New York Orthopedic Hospital, and Women's Auxiliary of the Presbyterian Hospital. The aggregate total of members as of April 1 was 209.

In general, the work of the Auxiliaries is financed from several sources; monies received from the Greater New York Fund and United Hospital Fund and (in the cases of three auxiliaries) profits from thrift shops. There is also some income from membership dues and donations and, occasionally, from special events.

The chairman of each Auxiliary is invited to attend the monthly meetings of the Board of Trustees. A Trustees' Committee on Auxiliaries, consisting of John A. Gif-

ford, chairman, John S. Burke, Jr. and Dorrance Sexton, has been appointed to meet as occasions arise with Auxiliary representatives to discuss their problems and advise on their activities.

The Auxiliary chairmen or designated substitute in addition to one invited guest from each group meet at a luncheon with Executive Vice President A. J. Binkert on the first Monday of each month. There is frequently a guest speaker from one of the administrative offices or professional services. All of these meetings provide the Auxiliaries an opportunity to become aware of any new plans or changing problems that may arise in addition to coordinating any projects which may affect the group of Auxiliaries.

Board of Women Managers of the Babies Hospital

Babies Hospital was organized by women and throughout its history they have played a prominent part in its affairs. The Board of Managers when the hospital opened its doors in June, 1888, was comprised entirely of women. This became a Board of Directors when a few men joined the management in 1894, but it was supplemented by a Board of Lady Managers. In 1897 that title was slightly changed and the group has since been known as the Board of Women Managers.

For 66 years Babies Hospital had two distinctly separate women's organizations which were comparable to the present-day Auxiliary. Besides the Board of Women Managers, the Cribside Committee was established in 1888. According to a 25-year history of Babies Hospital, contained in its 1913 annual report, this "organization of young girls ... has always provided a willing and able bank of young workers and helpers ... (who) have through frequent fairs and entertainments brought much money to the Current Expense Fund." Its other early activities, from 1893 to 1933, included a substantial contribution to the operation of a summer hospital at Oceanic, New Jersey, where some 50 patients were cared for during the hot summer months.

The Board of Women Managers and the Cribside Social Service Committee (as it was later titled) pooled their interests in November, 1954. Projects and activities supported or sponsored by the Auxiliary include recreational therapy, occupational therapy, Emergency Nursing Fund, House Staff Loan Fund, pediatric psychiatric clinic, Volunteers and Social Service. An interesting annual event since 1928 in which the Board of Women Managers participates is the Dolls' Tea Party just before Christmas. They share, with others, in the purchase of more than 100 dolls. Many willing hands design and sew a wide variety of beautiful costumes for the dolls, which are then displayed at the tea party before being distributed as Christmas gifts to child patients.

The Cribside Committee, which gets an appreciable amount of income

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5 Hospital Auxiliaries Give Varied Services

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from its partnership in the Bargain Box Thrift Shop, at Third Avenue and 88th Street, still concentrates on some of its original interests, such as strong support of Social Service. A full-time activity of the early-day Cribside Committee was sponsorship of a sewing class, which made clothing for patients. In recent years, the members themselves participate in the Lenten Sewing Class, a project which in those few weeks provides clothing for patients as well as cash income.

The Mary Harkness Convalescent Home Auxiliary

This Auxiliary celebrated its fifth birthday on March 23.

Its members feel that perhaps their greatest contribution has been in what might be termed the field of public relations. The membership is composed of residents of Westchester County and nearby Connecticut and many organizations, churches, hospitals and doctors throughout the area have been made aware, through the Auxiliary's efforts, of the ideal location of the Home and the services it can provide for the convalescent patient. The Auxiliary works closely with such groups, as well as with the Home's unit manager, Miss Miriam Hubbard, in providing various services and entertainment for both adult and child patients.

Mrs. Benjamin Strong organized and headed an original advisory group, then became the Auxiliary's first chairman, serving until succeeded in 1957 by Mrs. Robert C. Wheeler.

Neurological Institute Auxiliary

The present Auxiliary was organized in 1936 at the instigation of Dr. Frederick Tilney, then director of the Neurological Institute, who wanted a group to replace two women's committees which had both dissolved, hopeful that it would raise funds for such projects as furniture for the public school for cerebral palsied children; braces, wheel chairs and appliances for out-patients, and a summer camp for children, particularly epileptic patients.

When the Institute opened in 1909 on East 67th Street there were seven women on its board of trustees. These and others who came on the board after them were active in its early affairs but there was no formally organized women's group until 1923, when two were formed. With Miss Mary Lincoln Aldrich, a trustee, as its first chairman, the Women's Co-operative Committee was started with two principal objectives; to raise funds and to make friends for this new and different Institute. By 1928 it had 86 members who, through parties and a theatre benefit, raised almost \$30,000 that year. Newspaper files of the period show they also accomplished a fine job of public relations, through disseminating much information about the Institute's work.

At the request of the medical



DAY CAMP for tubercular patients on roof of the old Vanderbilt Clinic was one of the initial interests of the Vanderbilt Clinic Auxiliary, now the Women's Auxiliary of The Presbyterian Hospital. Picture is reproduced from the Auxiliary's 1918 annual report.

board, another group, the Women's Social Service Committee, was formed with an initial membership of six, headed by Mrs. Walter Rothschild, also a trustee. Its function was to guide and expand social service work.

The two committees worked together on certain projects. One example was in 1927 when the Institute's need of a country branch for convalescent care was brought to the attention of the Reed Foundation. Its trustees made this possible by making available the Arietta Crane Reed home at Brewster, New York, which was opened to accommodate 14 patients. Both women's committees participated in its operation.

The Institute moved to the Medical Center in March, 1929, and during its first few years here these original committees disbanded. Many former members of both groups responded to Dr. Tilney's appeal and joined the new Social Service Committee, organized in 1936 by Mrs. Cortland Nicoll. The new group was soon engaged in such activities as providing transportation for out-patients, arranging for visiting nurses to go to private homes, and providing appliances. By the summer of 1938 sufficient funds had been raised from the United Hospital Fund, a summer camp in the Adirondacks was arranged for by Dr. Jerry Price, and epileptic children were sent to such a camp for the first time. The experiment was highly successful, and since then the Auxiliary has greatly increased this work.

In 1938 the Auxiliary became a partner in Everybody's Thrift Shop, and this association has been most satisfactory. Present activities resulting from this and other sources of income include: Financing of camp program; patients' appliances, special nursing for patients unable to pay; contributing to Social Service salaries, House Staff Loan Fund, library, and Nursing Service scholarship fund. The name became the Neurological Institute Auxiliary in 1950.

Women's Auxiliary of the New York Orthopaedic Hospital

Old records show that Dr. Taylor's appeal for the help of "earnest, benevolent ladies" quickly bore fruit, for reports of the period mention their activity at the New York Orthopaedic Dispensary and Hospital as early as 1873. The hospital had been founded by Theodore Roosevelt (father of the President of the same name), whose interest in crippled children

resulted when his own daughter, Anna, was cured, at age 3, of a spinal disability. In 1888, Anna Roosevelt became president of the Board of Lady Supervisors.

Later, as Anna Roosevelt Cowles, she became a trustee, and today her son, William Sheffield Cowles, is a Presbyterian Hospital honorary trustee, after having served both hospitals a total of 25 years. Also active in those early days of this hospital was a sister of the founder, Mrs. James K. Gracie. Others who contributed to its growth included Miss E. C. Whitney, Mrs. Charles Alexander, Mrs. Charles deRham, Mrs. Whitelaw Reid, Mrs. Murray Young, Mrs. Augustus C. Julliard and Mrs. D. Sloane. The women were especially helpful in furthering the work at the "Country Branch," opened at White Plains in 1904 and continuing until 1943. It was made possible through a gift from two sisters, Miss Emily Watson and Mrs. Harry Walker. Prior to that, Mrs. John T. Lyle had cared for 50 children each summer at her country home.

When the old hospital transferred the last 34 of its patients to the Medical Center on December 26, 1950, and the fifth floor of Presbyterian Hospital became the New York Orthopaedic Hospital its women's organization was called the Social Service Committee. It had stemmed from two separate groups, a women's Board of Supervisors and a Junior Guild. The Committee became the Women's Auxiliary of the New York Orthopaedic Hospital in 1953. Its chief interest now is recreational therapy, supporting such projects as a nursery for children and art work among adult patients. Besides providing entertainment for patients in Orthopaedic Hospital, the Auxiliary extends this phase of its work to the Mary Harkness Home, for which it provides weekly movie programs.

The Women's Auxiliary of The Presbyterian Hospital

This Auxiliary observes its fiftieth anniversary this year, having started in 1908 as the Women's Auxiliary of the Vanderbilt Clinic. This Auxiliary continued without interruption when the Clinic moved to the Medical Center as one of its original units. Only the name was changed.

Dr. Linsly R. Williams, Chief of Clinic, Department of Medicine, is regarded as the "father" of this Auxiliary. It was at his behest that a group headed by Mrs. Walter B. James launched the organization for

Auxiliary Members Serve As Volunteers

In addition to their service with their own auxiliaries, many auxiliary members also put in one or more days a week as Volunteers.

Auxiliary members who served as Volunteers during 1957, either on In-Service work or in the Thrift Shops, were;

Mrs. George F. Baker, Jr., Mrs. C. Redington Barrett, Mrs. Dana T. Bartholomew, Mrs. Goddard Bauer, Mrs. A. Hendley Blakemore, Mrs. Ralph H. Boots, Mrs. James McVicker Breed, Mrs. Bruce Brodie, Mrs. Howard G. Bruenn, Mrs. Thomas A. Buckner, Jr., Mrs. David C. Bull, Mrs. Stresenreuter Butler, Mrs. Royall G. Cannaday, Mrs. Louis Connick, Mrs. Charles P. Cooper, Mrs. Laurence H. Cotter, Mrs. Sanford B. Cousins, Mrs. Sidney Fibel, Mrs. Charles A. Flood, Mrs. Franklyn Griffin, Mrs. Herman L. Hoops, Mrs. Crosby Hornblow, Mrs. Everett L. Hoskins, Miss Hope Kingsley, Mrs. Lawrence C. Kolb, Mrs. Samuel W. Lambert, Jr., Mrs. W. Roy Manny, Mrs. H. Houston Merritt, Mrs. George A. Perera, Mrs. Algernon B. Reese, Mrs. Thomas V. Santulli, Mrs. Rudolph N. Schullinger, Mrs. Paul B. Sheldon, Mrs. Hamilton Southworth, Mrs. Benjamin Strong, Mrs. Charles E. Stroud, Mrs. Herluf K. Trudso, Mrs. W. Leicester Van Leer, Sr., Mrs. Jerome P. Webster, Mrs. Morgan Dix Wheelock, and Mrs. Philip D. Wiedel.

two specific purposes; to raise money for the work of social service and visiting nursing, and to assist in getting volunteers for both these departments and for the Clinic's Day Camp. The latter project, also begun in 1908, was a day camp for tubercular patients, located on the roof of the old Clinic building at 60th Street and Amsterdam Avenue.

The operation of the Day Camp continued as an important activity of the Auxiliary until such programs for the treatment and prevention of tuberculosis were discontinued in 1928 upon assumption of such responsibility by New York City's departments of Health, Hospitals and Public Welfare. In 1921, the Auxiliary took on a new interest, occupational therapy, and this has remained one of its major activities. In 1928 the Auxiliary first contributed to the support of a library for patients, started under the inspiration of Mrs. Lloyd Stryker, and the present Milbank Library for patients is another of its interests. A third is the Volunteer Department, organized in 1941, with the Auxiliary's help. Support of Social Service also remains one of its important activities.

Since 1921 this Auxiliary has received a substantial part of its annual income through its participation in a thrift shop. It is now in the Stuyvesant Square Thrift Shop, 80th Street and Third Avenue.

Library Help At Peak

Volunteers working in the Milbank Library during April reached the highest number in more than a year and enabled the library to initiate twice a week book cart service to patients for the first time, according to the library's statistical report for the month. Fifteen volunteers served a total of 269 hours.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 7

JULY-AUGUST, 1958

Two of Heart Association's Life Research Grants Come to Our Staff

Suppose someone offered you a comfortable income for the rest of your life and a chance to do whatever you want. . . . What would you do?

For at least two members of the Medical Center staff the answer to this pleasant daydream is: "Exactly what we've been doing for some years now, thank you!"

Dr. David B. Sprinson and Dr. John V. Taggart are the men.

Continued on page three

ELIZABETH WILCOX



Dr. Severinghaus



Dr. Merritt

BALCONY STACKS
COLUMBIA UNIVER.
JUL 28 1958
LIBRARY

Extensive Rebuilding, Renovating Program Under Way At Center

All a part of a comprehensive program of modernization and enlargement of facilities designed to increase efficiency of patient care, extensive reconstruction and improvement projects are either under way or in planning stages in several areas of the Medical Center.

Presbyterian Hospital:

Largest of the projects now in progress is the replacement of seven elevators in Presbyterian Hospital. Besides installation of the new elevators and the motors which operate them, this job calls for varying degrees of reconstruction on every floor from the basement up. Most floors have a partition between the banks of elevators, like that on the first floor. All of these are being removed. Every

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September Our Next

This enlarged edition of *Stethoscope* is a combined July-August issue. The next issue will be published the early part of September.

Dr. Humphreys Made Medical Board Head

Dr. George H. Humphreys, II is new president of the Medical Board, succeeding Dr. Franklin M. Hanger, and Dr. Lawrence C. Kolb is new vice-president. They were elected at a meeting of the board on June 17.

Attending Surgeon and Director of the Service of Surgery, Presbyterian Hospital, and Valentine Mott Professor of Surgery, College of Physicians and Surgeons, since 1946, Dr. Humphreys received his M.D. from Harvard in 1929, spent six months as a vol-

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Dr. Merritt and Dr. Severinghaus Now Head Columbia's Faculty of Medicine

Dr. H. Houston Merritt, Director, Service of Neurology, has been appointed Acting Dean of the Faculty of Medicine of Columbia University, and Acting Vice President in Charge of Medical Affairs.

Dr. Merritt will take up the duties for which Dr. Howard C. Taylor, Jr., was selected in March but which Dr. Taylor will not be able to assume. Dr. Merritt was chairman of the advisory committee of the Faculty of Medicine which nominated Dr. Taylor. In addition to his new post, Dr. Merritt will continue to direct the Neurological Service.

In announcing Dr. Merritt's appointment, President Grayson Kirk of Columbia University added that Dr. Aura E. Severinghaus would continue to serve as the Associate Dean of the Faculty of Medicine, where he has "so ably served" for 16 years. Dr. Kirk said that "we are happy indeed that Dr. Severinghaus will continue to shoulder the heavy responsibilities he has so ably discharged and that he will be ready to extend his academic responsibilities as may be required."

Dr. Merritt is one of a handful of men whose work led clinical neurology in the U. S. out of the blind alley of interminable classification and description of disease and toward effective treatment. This work, reflected in over 150 published papers and five basic texts in use in medical schools throughout the world, began in 1929 when Dr. Merritt, at 27, was serving a residency in neurology at Boston City Hospital.

Here Merritt was confronted with a wealth of material—the

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Miss Lee, Associate Dean Miss Pettit is Professor

Miss Eleanor Lee, Director, Nursing Service, was appointed Associate Dean (Nursing) of Columbia's Faculty of Medicine by President Grayson Kirk.

Miss Helen F. Pettit, formerly Associate Professor, was appointed Professor of Nursing of the Faculty of Medicine. Both appointments became effective July 1.

Miss Mary I. Crawford and Miss Dorothy E. Reilly, formerly assistant professors, became associate professors of the Department of Nursing.

Miss Lee, a Phi Beta Kappa graduate of Radcliffe College, graduated from The Presbyterian Hospital School of Nursing in 1920. After teaching at Peter Bent Brigham Hospital in Boston and at Columbia's Teachers College, she returned to Presbyterian

Continued on page four

FERDINAND VOGEL



Miss Lee



Miss Pettit

REPORTERS

Accounting—Helen Hockenberger. *Building and Grounds*—Margaret Muccilli. *Babies Hospital*—Loretta Molzahn. *Chaplain*—Robert B. Reeves, Jr. *Elevators*—John J. Callahan. *DOS*—Mrs. Florence Moore. *Eye Institute*—Helen Meade. *Nursing Service*—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing). *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Mrs. D. W. Hood. *Mail & Messenger*—John J. Campbell. *Occupational Therapy*—Elizabeth Scully. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). *Telephone*—Mrs. Ann Traino. *Vanderbilt Clinic*—Barbara Little. *Volunteer*—Laura Vossler.

STETHOSCOPIA

• **ENGAGEMENTS:** *Miriam Ungar*, secretary to Dr. Howard C. Taylor, Jr., to Dr. Albert Weinfeld, resident, New York Hospital-Cornell Medical Center. An August wedding is planned.

Joyce Foulkes, secretary, Obstetrics and Gynecology, to Dr. James H. Weir, surgical intern, Presbyterian Hospital. Dr. Weir graduated from the College of Physicians and Surgeons, 1958.

Dr. Ira M. Cantin, Fellow, Orthopedic Surgery, to *Mary Casey*, head nurse, Harkness Pavilion. After an August wedding, the couple plan to reside in California.

Elizabeth Owen, R.N., Presbyterian Hospital, to Joseph C. Swaim, a graduate of Columbia Law School. An August wedding is planned.

Beverly Goodman, 4th year medical student, College of Physicians and Surgeons, to Dr. Richard A. Raffman, surgical fellow, Lahey Clinic, Boston.

Roland C. Kallen, 3rd year medical student, College of Physicians and Surgeons, to Nancy Benjamin, a graduate of Smith College.

Gerald S. Golden, 2nd year medical student, College of Physicians and Surgeons, to Deborah A. Berliatsky, attending New York School of Social Work, Columbia University.

Walter Morgan III, 2nd year medical student, College of Physicians and Surgeons, to Dahne Bennett, a Skidmore College graduate.

• **CONGRATULATIONS TO:** Mr. and Mrs. John Campbell, on the birth of their first child, baby daughter Jean Marie. Mr. Campbell is supervisor of the Mail Room.

Mr. and Mrs. William Cortez on the birth of their daughter, Melissa. Mr. Cortez is in the Maintenance and Construction Department.

• **WEDDINGS:** Dr. Ramon DeJesus, clinical fellow in Surgery, married Carmelita V. Osmena. Dr. DeJesus will continue his residency at Bellevue Hospital.

Gerard Kunz, head gardener, Buildings and Grounds, married Wanda Rose Schelberg.

Helen Drazenovich, 3rd year nursing student, married Jonathan C. Stimson, Jr., a graduate of Purdue University.

Rand Van Sant, R.N., Neurological Institute, married William B. Dow.

Lionel Grossbard, 2nd year medical student, College of Physicians and Surgeons, married Janet Ozan, a graduate of Barnard College.

Donald Marcuse, 2nd year medical student, College of Physicians and Surgeons, married Brigid A. Ways, a student at Columbia University.

• **KUDOS:** *Adrienne Trattel* has left her position as ward aide at the Mary Harkness Convalescent Home to enter the Greenwich Hospital School of Nursing, having been awarded a full scholarship for the entire nursing program. Miss Trattel received one award from the First Congregational Church, Old Greenwich, Connecticut, and another from the Junior Women's Club of Greenwich.

• **RETIREMENT:** Mrs. Betty McCormack, Laundry Department, plans to retire this month. She came to Presbyterian Hospital in 1951 after having been one year at the old Orthopedic Hospital. Mrs. McCormack has three daughters and three grandchildren.

• **DEPARTURES:** Both Dr. R. Warner Wood, Jr., and Dr. John R. Mahoney, Fellows, Orthopedic Surgery, left Presbyterian Hospital. Dr. Wood moved to Georgia and Dr. Mahoney to Florida.

New Drive Stresses Accident Prevention

An intensified drive to cut down Hospital accidents has been conducted over the last several weeks, with the Employees' Safety Committee initiating a broadened program under the coordination of John H. Rudd, administrative assistant for Food Service.

One of the highlights of the program was a series of three lecture meetings for supervisory personnel which drew an aggregate attendance of about 225 persons. R. J. Crosby of the firm of Marsh & McLennan, insurance brokers, spoke at each meeting on several phases of accident prevention.

The principal aims of the broad-

ened program were outlined by Executive Vice-President A. J. Binkert in a printed statement which said, in part:

"The safety of personnel is the first objective. No one should be injured in the course of his or her work. This humanitarian aspect of accident prevention warrants our best endeavors. In addition, the prevention of accidents is conducive to a more efficient organization. Accidents involve not only personal injuries but every time one occurs it interrupts daily tasks, causing delay . . . and waste in many forms."

Mary Harkness Home Now For Adults Only

In accordance with recommendations made by a special committee of the Medical Board, care of child patients at the Mary Harkness Convalescent Home had been discontinued by the end of June.

The committee which made an extensive study of the Convalescent Home urged, in its report and recommendations, that more extensive utilization be made of the adult care facilities provided at this unit of the Hospital, located in a beautiful country setting at Port Chester, N. Y. It proposed that every effort be made to give every member of the medical staff a thorough awareness of what the Home offers for the convalescing patient, ambulatory but still requiring some further care.

(Note: An illustrated article about the Home and its facilities will be carried in an early issue of *Stethoscope*.)

The committee which made the survey consisted of Drs. Robert C. Darling, chairman; William A. Bauman, Sidney Carter, Shirley C. Fisk, Leonidas Lantzounis and Rudolph N. Schullinger. Its report was adopted at the May 7 meeting of the Medical Board and the recommendation to discontinue child care was approved by the Board of Trustees at its June meeting.

"There is a decreasing number of children requiring institutional care and an optimal census at the Convalescent Home cannot be maintained," the committee reported. . . . "Existing community facilities outside of Presbyterian Hospital are adequate for this type of care. . . ."

Care of children was in the Strong Memorial Wing, added in 1952. It was provided by the generosity of the late William E. S. and Lillian Bissell Strong in memory of their daughter, Martha Moulton Strong, lost to them at the age of nine when she died in the 1918 influenza epidemic. The Wing had accommodations for 22 children up to age 12, including a schoolroom (P.S. 402X) where children from kindergarten through the eighth grade were taught. Its last teacher, Mrs. Ethel Holden, conducted its final day of school.

Roll of Honor . . .

With the end of the academic year, tributes came to nine members of the Medical Center staff who have given many years of devoted service here. They have all made major contributions to the care of patients in the wards and clinics of the Hospital and to the teaching of medical students. While reaching the age of retirement from the official roster of staff, all these men plan to continue their active careers in the private practice of medicine, some here at the Medical Center, others elsewhere in the metropolitan area. Many will continue, on a voluntary basis, to give generously of their time to the teaching and research programs here. These honored members of our senior staff are:

DR. DANA W. ATCHLEY, since 1939 an Attending Physician, Service of Medicine, now Consultant to the Hospital and Professor Emeritus. Dr. Atchley received his M.D. degree at Johns Hopkins in 1915 and served his internship at that hospital in 1915-16. He came here in 1916 as a Coolidge Fellow. (For more about Dr. Atchley, see page 8.)

DR. GEORGE V. BROWNE, Associate Attending, Service of Otolaryngology, since 1948. Dr. Browne came to Presbyterian in 1928. He received his M.D. degree from Boston University in 1924, interned at St. John's Hospital, Long Island City, and was a resident physician at Bellevue for a year before coming here.

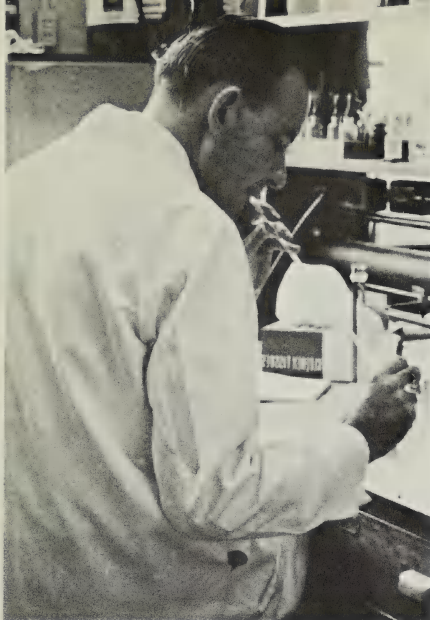
Fine Spot For Picnics

The belated arrival of warm weather has brought out numerous groups to enjoy the excellent picnic facilities on the grounds of the Mary Harkness Convalescent Home. The Home provides this as a part of its community public relations program and Superintendent Miriam Hubbard asks *Stethoscope* to remind its friends, both at the Medical Center and elsewhere, that they are always welcome.

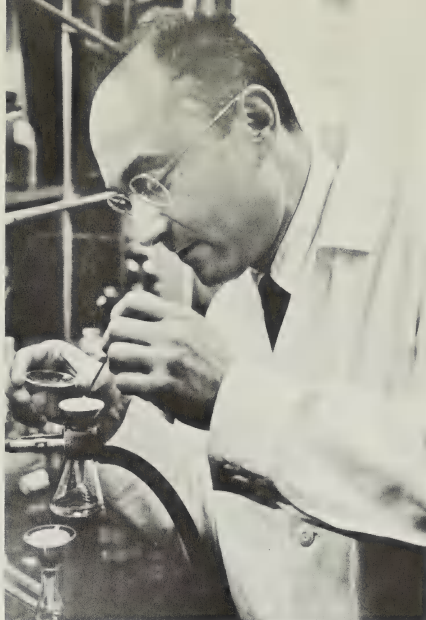
DR. E. EVERETT BUNZEL, since 1939 an Attending Obstetrician and Gynecologist, now Consultant to the Hospital. After receiving his M.D. degree from Columbia in 1918, Dr. Bunzel interned at Sloane Hospital for Women for four months and at Bellevue for one year, returning in 1919 for a three-year residency at Sloane. He joined the Attending Staff in 1922.

DR. ROBERT S. GRINNELL, Associate Attending, Service of Surgery. Dr. Grinnell received his M.D. degree from Columbia in 1921, began his internship at Presbyterian the same year and, except for three years overseas as a major in the Medical Corps during World War II, has been here since.

Continued on page six



Dr. Taggart



Dr. Sprinson

Heart Association Awards Lifetime Research Grants Here

Continued from page one

Their lifework: basic research in the chemical machinery of the body.

No daydream, the chance of these researchers to do exactly what they want comes from the American Heart Association, with no strings attached. They have been made Career Investigators by the Association, which initiated this form of support for basic research in 1951.

Only six men in the country hold such lifetime grants. Of these, two are at Harvard, two are at the University of Minnesota, and two are at Columbia.

Intended to relieve the recipient "of pressures arising from short-term forms of support or the need to supplement his income through teaching or other non-research activity," the grants provide each man with \$30,000 a year. This sum is intended to cover salary and travel, help support laboratory expense, and continues until the normal age of retirement, 65.

The AHA says it is prepared to up the grant if the value of the dollar falls markedly, also allows \$500 annually for each dependent (Dr. Sprinson has three children; Dr. Taggart is a bachelor).

Free to Pursue Ideas

A Career Investigator is "free to pursue his ideas wherever they may lead," as the AHA puts it. He may go anywhere in the world to work. AHA would like to have some sort of report on work in progress every two years or so, otherwise makes it perfectly clear that the investment is in the man and not in a specific line of work.

All told, it's a sizeable one, amounting to an estimated \$650,000 per man per lifetime.

What do men do to rate this kind of investment?

Well, take Dr. Taggart, 41, born in Utah, M.D. University of Southern California, joined the Department of Medicine here as a Welch Fellow in 1946. . . .

Of all the hidden and unknown machinery of the body, the part that most interests Taggart is the astonishing ability of the living cell to select the chemicals it needs and to carry these, at a rate scarcely matched in any man-made chemical factory, across its outer wall or membrane.

Kidney: 2 Million Filters

Where is the marvelous mechanism of cellular transport best studied? In the kidney, which has some 2 million filtering units. Although none can be seen without a microscope, together these tiny coils, or glomeruli, pump about 180 quarts out of the human bloodstream each day. Just below the coil of each glomerulus lies an equally small looped tube. Curiously enough, the job of the kidney tubule is to pump back into the bloodstream some 179 quarts of water, as well as other needed materials—salt and glucose (the sugar that is the main fuel of the body) are examples.

In science, a lifetime is sometimes needed to find a method to answer a single question. Taggart was able to find a method sooner—he could, for example, make use of the apparatus

devised by a famed German biochemist, Warburg, to measure oxygen used by living tissue. Into the glass tubes of the Warburg apparatus went slices of rabbit kidney in saline solution. Working with Dr. Richard J. Cross, Taggart measured the amount of a single chemical (para-amino-hippuric acid) absorbed by the kidney slice in two hours. (The answer: 20 times the amount of the chemical that remained in the solution in which the kidney slice floated.)

Enzymes are a Relay Team

By introducing other chemicals known to be used in body metabolism and the kind of inductive reasoning characteristic of science, Taggart was able to reach certain conclusions about this pathway across the kidney cell membrane. Enzymes, the chemical catalysts that make all of life go, make the pathway possible—reaching out like so many hands of a relay team to carry the transported material from one chemical partner to another. Taggart has been able to show what some of these enzymes are.

Taggart's next direction is to examine the molecular architecture of a number of compounds known to be transported across the wall of the kidney tube. He already knows that penicillin and other weakly acidic compounds share much the same chemical pathway through the cell wall as the model substance he studied. Do these share certain chemical parts (a carboxyl group, for example) that clasp hands with the enzyme transport system? Radioactive-labeled compounds are helping to answer this question.

Or consider Dr. Sprinson, 48, born in Russia, U. S. citizen 1927, Columbia Ph.D., joined the Department of Biochemistry in 1942. . . .

Dr. Sprinson works in the field science calls intermediary metabolism. Metabolism is the term given the processes by which the body converts food into energy and builds or repairs its tissues. Intermediary metabolism is concerned with the chemical steps involved in these transformations.

Tracking a Dark Continent

Intermediary metabolism is a large area, looming in biochemistry like a dark continent, where biochemists over the last half-century have been enthusiastically tracking intricate chemical pathways. A single pathway may stretch over 50 or more chemical reactions, and each reaction may depend on the presence of a different enzyme, or catalyst. Medical scientists are finding that many diseases are the result of the absence of a single enzyme, or, perhaps, the lack of a vitamin that may act as a co-enzyme.

Within this large area, some of the particular questions that interest Sprinson are: How does a micro-organism use an amino acid—one of the basic chemical "building blocks"—to form a structural part of vitamin B₁₂, whose lack in the body may result in pernicious anemia? How does the body use another amino acid to help build certain types of fatty materials such as phospholipids? Or how does the body use still another amino acid to construct an essential architectural feature of thymine—the base that is believed to form one of the steps of the "spiral stairway"

53-Year-Old Bill Paid

Accompanying a check received the other day by The Presbyterian Hospital was this little note:

"Enclosed is check for treatment received in the old Hospital when it was located on 70th Street and Madison Ave. in May, 1905."

Thankful for receiving payment for the 53-year-old bill, long since marked off the books, Hospital officials were also a bit curious. A letter to the sender of the check and note brought these added details:

"The treatment was successful. I was 23 years old at the time. . . I had a minor operation and was kept in the Hospital for 25 days at one dollar a day. . . I did not have the money at the time. I left the city in a few days and was away for a long time and seemed to forget all about my bill until recently it came to my mind."

structure of the nucleic acids? (Many scientists now believe that deoxyribonucleic acid is the major chemical material of heredity and, as such, the master template that makes enzymes.)

Sprinson has been able to answer these questions, not by penetrating the complex chemical factory of the human body, but by tracing many essential steps along chemical pathways in the microscopic one-celled

Continued on page six

Extensive Rebuilding and Renovating Program Includes New Space for NI

Continued from page one

floor requires new elevator doors, and in most cases installation of new flooring.

It will be close to 1960 when this work is finished. The project was started in April, and it is estimated that it will take 18 months to complete. The continued cooperation of staff and personnel in using elevators other than those serving patient areas will be needed throughout the duration of the construction.

Work will start shortly on the extensive project of reconstructing and re-equipping all four of the scrub-up areas and utility room serving the eight operating rooms on the north side of the 18th floor. New equipment will include steam pressure sterilizers replacing the old boiling water type and an over-all rearrangement will make the utility room more readily accessible from the hallway.

Another project listed for installation in the immediate future is a new central sterilization room on the 12th floor, replacing sterilizing equipment now located in about eight different rooms. Concentrated in one room, this system would operate something like an assembly line, with unsterile items starting down one side of the room and going through sterilization processes until they finish up, clean and ready for reuse, on the other.

Also scheduled to start soon is reconstruction which will add approximately 700 square feet of space to the 18th floor recovery room. This will be accomplished by utilizing space in the Medical College addition adjacent to the existing recovery room on the north. The added area will provide space for four or five beds and other facilities for initial post-operative care of open-heart surgery cases and certain other critical surgical procedures.

Institute of Ophthalmology:

Construction of a new recovery room on the seventh floor of the Eye Institute is now well along. Complete remodeling of space formerly occupied by part of a hall, an instrument room and some closets will provide a 33' x 16' recovery room and new instrument room on one side of the corridor, with a supply room and office occupying approximately the same space directly opposite. The recovery room is designed to accommodate four beds and two cribs.

Neurological Institute:

Work is scheduled to start this year on major reconstruction work at Neurological Institute which will last until the latter part of 1961.

The first two floors on the north side of the building will be extended out over the present parking area, obtaining space on the

first for a waiting area, information and admitting offices, and on the second for new medical staff offices. Other floors above the second will be extended sufficiently to permit installation of three new elevators in a central bank, these replacing existing elevators. All new elevators would operate to the tunnel floor.

Other important phases of this reconstruction would include relocation of doctors' sleeping quarters from 12th to first floor, permitting rebuilding of 12th into about thirteen psychiatric private patient rooms; relocation, probably to ground floor, of X-ray department from 10th and 11th floors; on the 11th, space obtained from removal of all existing services would be assigned to growth in research and some facilities relocated from ground floor; space on the 10th would provide new locker and rest rooms for doctors, interns and nurses and new supervisory nurses' office on east end of corridor, plus new sterilizing and instrument storage rooms on south-center side of floor; rebuilding of nursery utility areas on south side of 9th floor into recovery-grouped nursery room; relocation of basal metabolism from 8th floor and rearranging physical therapy facilities, thus releasing space for offices or research laboratories.

Harkness Pavilion:

In Harkness Pavilion, all patient rooms on three floors, 2, 3 and 8, were recently completely redecorated and provided with new furniture and furnishings. Work was to start about July 15 on similar renovation of all rooms on floors 9, 10 and 11.

Food Service:

Another major project due to begin this year is a more modern system of patient food distribution, known as centralized tray service in a number of hospitals, both old and new, where it is being installed. In this method, the food is placed on individual heated dishes at a central point near the kitchen and transported on carts direct to patients. Efficiency is obtained through elimination of large pantries on the several hospital floors and by use of a service counter employing a moving belt at the central point. Small "nourishment pantries" on patient floors would replace large service pantries, releasing considerable space which in some areas could be converted to additional patient room.

Plans call for discontinuing the present basement employee cafeteria, converting it into the central area for the tray service. This cafeteria will be replaced by enlarging the main floor cafeteria by building out to the south over an existing basement extension and installing a second serving line.



PROUD BEGINNING: Gretchen Rohrbach, (Mrs.) Jane Catron Morley, Mary Miller Maggard.

New Posts for Miss Lee and Miss Pettit

Continued from page one

in 1924 as Instructor and Educational Director.

Miss Lee led the progress in educational program that resulted in the school's affiliation with Columbia University in 1937. As the Department of Nursing of Columbia's Faculty of Medicine, the school was able to offer the Bachelor of Science degree.

With Miss Pettit, who joined the nursing faculty in 1941, Miss Lee undertook a program of curriculum re-planning that eventually made it possible for the Department to prepare students, both for patient care and for an academic degree, in a 32-month period.

Over the last two years, the Department of Nursing has also been able to offer all students field experience in public health nursing, with the visiting nurse associations of New York and Brooklyn and with the Bureau of Public Health Nursing, Department of Health, New York City.

Learning by Doing

"Learning by doing" is a key part of the nursing curriculum.

"From the beginning of their course," Miss Lee said, "our students undertake eight hours each week of bedside nursing care under the supervision of their instructors. These hours are spent in our teaching areas: four wards of the Medical and Surgical Services.

"After each four-hour period of work, the students meet in small discussion groups with their instructors and with head nurses from the wards. These informal seminars give students a chance to ask questions, to check their way

of meeting patients' needs against what they have learned in the classroom, and to feel increasing confidence in their ability to use what they have learned."

Miss Lee is the co-editor of two basic nursing reference texts widely used throughout the country, and prepared the Catalog of the Florence Nightingale Collection.

Miss Pettit holds both a Columbia B.S. and an M.A. from New York University. She is a member of the State Board of Examiners of Nurses, New York State Education Department.

Miss Crawford, assistant director of nursing for the Service of Obstetrics and Gynecology, received a B.S. in Education from the University of Michigan, an M.N. from the Frances Payne Bolton School of Nursing, Western Reserve University, and an M.A. from Teachers College. She was formerly a member of the staff of the Maternity Center Association and earlier taught at her alma mater, Western Reserve.

Miss Crawford and Miss Reilly

Miss Dorothy E. Reilly, a 1942 graduate of the Department of Nursing, has been a member of the nursing faculty since 1951. She holds a Master of Science degree from Boston University. She is the editor of *The Quarterly Magazine* of the nursing Alumnae Association, and has served as director of research for a three-year study of the clinical field as an environment for nursing education. Made possible by a grant from the China Medical Board of New York, the study will be published this month as *Nursing Student Responses to the Clinical Field*.

64TH NURSING COMMENCEMENT: 110 PRETTY R.N.'s BOOST NATION'S SUPPLY

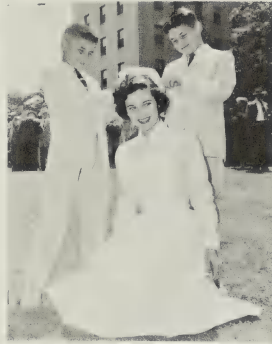
All graduates hold Columbia University's Bachelor of Science degree, 60 per cent start careers at The Presbyterian Hospital



PRESBYTERIAN FAMILY: Dr. & Mrs. William V. Cavanagh ('25 & '31), Mary Ann ('58).



COMMENCEMENT SPEAKER: PH alumna Margaret G. Arnstein, R.N., chief, Public Health Bureau, U. S. Public Health Service.



BROTHERS happily flank Elaine Hedden in final touch-up before graduation.



ALL GRADUATING: Dr. Willard Cole Rappleye, retiring as Dean of Columbia's Faculty of Medicine, with class officers (l. to r.) Ann DeGrazia, Cynthia Gordon, Sherry Ann Burns, Eileen McLoughlin, Loretta Verdisco.



Baroque Era Music Organist's Main Interest

This second of *Stethoscope's* series on unusual Medical Center hobbies presents a young man whose avocational interest is pre-16th Century music, and especially its presentation on the comparatively rare Baroque organ.

Our subject is Lee Ball, technician in Presbyterian Hospital's Laboratory of Clinical Chemistry. You may have heard some of his organ music. He recently made two recordings on the organ in The Pauline A. Hartford Memorial Chapel at the request of Chaplain Robert B. Reeves, Jr. One of these comprised a part of the Chapel service on Sunday, May 11; the other, an all-Bach program, is being played at times on the Hospital Broadcasting System.

Mr. Ball says the Chapel organ is a very good one of its kind—but it is not a Baroque, over which he really gets enthusiastic.

For the uninitiated, the Baroque organ can probably be best briefly described by these excerpts from *Collier's Encyclopedia*:

"The 'Golden Age' of organ building and music began around 1600 and continued well into the 18th Century. This was the 'Baroque' organ, distinguished by its brilliance and variety of tone. . . . Almost all of the truly great composers wrote for it and it enjoyed a popularity greater than the organs of any other period, before or since. . . .

"The 19th Century Romantic movement brought emphasis on orchestral sound . . . with a great deterioration in organ building and organ music . . . (Since 1920) there has been a new movement toward simplification and a return to the ideals of the Baroque builders."

Actually, this "return" has been somewhat slow, according to Mr. Ball. He knows of only three in

This was never attempted before, and Mr. Ball soon learned that only a fourth of the Pachelbel music was ever published. The remainder is obtained by borrowing microfilm from musical libraries. He expects the entire project to bring forth a total of eight 12"-LP records.

Organ music enthusiasts may like to know that Mr. Ball has one previous commercial recording out. He conducted and played the organ, for Empirical label, "Plain Chant Hymns" with the Monks of the Order of the Holy Cross Choir. This was the first time they had been done with English text.

Mr. Ball started on the organ at about 10 years of age. He did considerable recital work as a youth before serving in the Air Force in World War II. He now plans a medical career but one gathers he will never lose his interest in the organ as long as he can dig up old tunes and find a Baroque to play them on.

Medical Roll of Honor

Continued from page two

DR. GEORGE H. HYSLOP, Attending Neurologist, Service of Neurology, since 1935. Dr. Hyslop received his M.D. degree from Cornell in 1919 and interned during the following year at Gouverneur Hospital. He was associated with Bellevue, Memorial and other hospitals and also an instructor at Cornell for nine years before his first teaching appointment here in 1934. His first appointment on the Neurological Institute staff was in 1922.

DR. JOHN McD. MCKINNEY, Attending Neurologist, Service of Neurology, since 1949. Dr. McKinney received his M.D. degree from the University of Michigan in 1919 and interned at both St. Luke's Hospital and the Neurological Institute. He has been part of the staff since 1938.

DR. HYMAN A. OSSERMAN, Associate Attending, Service of Neurology, since 1955. Dr. Osserman received his M.D. degree from Columbia in 1916, interned in the Lebanon and Fordham hospitals, came to the Neurological Institute in 1918 and, except for time out for World War I service, has been here since. He also served as Sydenham Hospital's Chief of Neuropsychiatric Service for many years and from 1949 to 1954 was president of its Medical Board.

DR. W. RUSSELL SMITH, Assistant Pediatrician, Service of Pediatrics, since 1947. Dr. Smith received his M.D. degree at Tufts in 1920 and interned at The Rhode Island Hos-

pital, 1920-22. He has assisted in the pediatric cardiology program of Vanderbilt Clinic since 1932.

DR. WILLIAM H. von LACKUM, Associate Attending, Orthopedic Surgery Service, since 1945. Dr. von Lackum received his M.D. degree from Iowa in 1918, and has served as a member of the staff of the New York Orthopedic Hospital since 1932. (For a report on Dr. von Lackum's work in the treatment of scoliosis, see *Stethoscope*, May, 1958.)

AHA Lifetime Grants to Staff Researchers Here

Continued from page three

organisms we call bacteria. He may, for example, feed the carefully cultivated bacteria radioactive chemicals, use sonic vibrations to break up their outer cell wall or membrane, trace what happens to the radioactive-labeled chemicals, and, by dozens of intricate chemical procedures, find and purify the enzymes that mark the pathway.

Bacteria and Benzene

Somewhere along the line Sprinson got interested in something one-celled bacteria can do that the human body cannot. This is to synthesize the benzene ring, first found by Faraday as a volatile liquid distilled from whale oil and one of the great cornerstones of modern chemistry.

The ring structure that holds the six carbon atoms of benzene in perfect symmetry was chemistry's first glimpse of the power of molecular architecture. And Kekulé's dream of a coiled snake—which led him to describe this ring structure—might be said to have launched the technological advance that has built our modern wonderland of colors, plastics, sulfa drugs, penicillins, hormones, vitamins.

How do bacteria make the benzene ring? From the simple sugar, glucose, it turns out. If you'd like to see the chemical steps that stretch—in bacteria—from glucose to benzene, Sprinson can write them. This is something biochemistry could not do before.

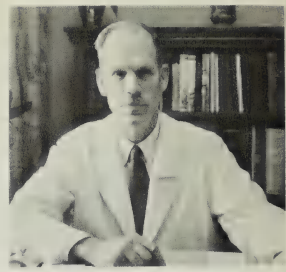
Dr. Stinchfield Tours For U.S. Air Force

Teaching rounds within sight of sun-baked Moroccan sands were part of Dr. Frank Stinchfield's five-week tour of duty as national orthopedic consultant to the U. S. Air Force. Traveling by an Air Force C-54, Dr. Stinchfield, who is Director of our Orthopedic Service, inspected orthopedic installations in U. S. military hospitals in England, France, Germany, Spain, Tripoli, Libya, as well as in Morocco.

His consultation included operative surgery, lectures, bedside teaching rounds, and evening seminars to which orthopedic surgeons in the surrounding communities were invited.

On his return Dr. Stinchfield made a detailed report to the Surgeon General of the Air Force.

WERNER WOLFF



Dr. Humphreys

Dr. Humphreys Made Medical Board Head

Continued from page one

untary assistant at the Pathologisches Institut, Munich, came to Presbyterian as a surgical intern in 1930, and has been associated with the hospital ever since. Papers written by Dr. Humphreys on thoracic surgery have been widely published in medical books and other publications.

Dr. Kolb has been director of the Psychiatric Institute and of the Hospital's Service of Psychiatry since 1954. He is also a Professor of Psychiatry, College of Physicians and Surgeons. Dr. Kolb received his M.D. from Johns Hopkins in 1934. He came to The Presbyterian Hospital from the Mayo Clinic, Section of Psychiatry. He has published in the fields of psychiatry, neurophysiology and neurology.

Article About 'Giving' Includes Harkness

"Private philanthropy is practiced today on a scale unprecedented in history. And its benefits are interwoven in all our lives." This summation is given to an article entitled "How Your Annual Giving Adds Up" in the June issue of *Reader's Digest*, written by Don Wharton and condensed from *Think*.

The article deals largely with grants for medical purposes and touches upon the philanthropies of the Harkness family, from which the Medical Center has received many millions of dollars, in this paragraph:

"In 1909-10, the Carnegie Foundation for the Advancement of Teaching spent about \$40,000 on a study by Abraham Flexner of American medical schools. Flexner's report revealed shocking conditions; medical schools without laboratories, without adequate clinical facilities, even without any entrance requirements. It immediately caused some ill-equipped and fraudulently operated schools to close. Two Rockefeller foundations began pouring in \$100 million, which was matched many times over by the generosity of individuals such as Rosenwald in Chicago, Eastman in Rochester, Harkness in New York. Ultimately the \$40,000 grant led to a complete reorganization of medical education in the United States."



Mr. Lee Ball

use in New York City. One of these is in the Church of Corpus Christi, 122nd Street and Broadway, where he has spent much of his spare time since February on an undertaking which he expects will take about a year. His project entails recording the complete organ works of Johann Pachelbel, early Baroque period composer.

Dr. Merritt and Dr. Severinghaus Now Head Columbia's Faculty of Medicine

Continued from page one

wide range of neurological diseases presented by patients seen on the clinic and ward services of a great city hospital. He began to write, in a clear-cut style that suggested the dimensions of his later career as a teacher, of what he could discover of the mechanics of certain obscure disease states about which he could find nothing in the literature. His first published paper dealt with paralysis in patients who had drunk Jamaica ginger — a popular brew called Jakey by its consumers.

After this modest opener, the young resident succeeded in publishing work addressed to some of the most fundamental problems of the emerging science of neurology — the great unsolved problems of epilepsy, brain tumor, and multiple sclerosis. This work brought not only a National Research Council Fellowship for a year's study in Munich, but also appointment to Harvard's distinguished medical faculty.

Working as a member of a Harvard team, Merritt helped to discover what stands today as the most effective basic drug for treatment of major epileptic seizures. This was the first advance in the treatment of this crippling disease since Hauptman's introduction of phenobarbital in 1912.

Community Support

While painstakingly carrying forward the chemotherapeutic research that literally restored many hundreds of thousands of sufferers from epilepsy to a normal life, Merritt also showed that the fear-some disease was "not an entity but a complex of symptoms." This scientific demonstration, while breaking through the wall of fear that had made social outcasts of many, also led Merritt to become a medical spokesman for the community groups that were then forming to ease the lot of victims of this disease.

This research-minded physician's early alliance with community support for medical progress broadened to a main channel in an influential career. Dr. Merritt is today chairman of the medical advisory boards of the United Epilepsy Association and the United Cerebral Palsy Association. He is also chairman of the program planning committee of the National Institute of Neurological Diseases and Blindness, U. S. Public Health Service.

New Research Horizon

A great clinician, Dr. Merritt mastered the art of differential diagnosis of the ills of the impenetrable brain by years of work at the classic medical science of post-mortem studies. Since his appointment as chairman in 1948, he has

organized a program of research that has put the Department of Neurology at the forefront of medicine's new horizon—the still obscure chemistry of the nervous system, of the blood that nourishes it, and of the fluid that bathes the brain and spinal cord.

Dr. Merritt is known as the teacher of many of the outstanding neurologists of the U. S. A list of the university departments headed by men who have worked under him would be a long one.

"Few men in American science," one of Merritt's colleagues said last month, "have been able to inspire the intense personal loyalty that Dr. Merritt enjoys, not only among his close associates at the Neurological Institute, but also shared by many other now-eminent men who have trained with him."

Dr. Merritt was born in Wilmington, N. C., January 12, 1902, and was graduated from Vanderbilt University and the Johns Hopkins University Medical School.

Dr. Severinghaus in Peking

Dr. Severinghaus, a professor of anatomy, joined the Columbia faculty in 1927 to work with Professor Philip E. Smith in a famous research program that succeeded in mapping many of the functions of the pituitary gland. Interested in the cellular functioning of this master gland of the body, Severinghaus introduced the research techniques of the ultracentrifuge and electrophoresis to the Medical Center.

His descriptions of structural changes in the cells of the pituitary and thyroid glands associated with experimental alterations in glandular function helped to untangle the complex interrelationships of the glands of internal secretion. He was one of five scientists chosen to represent the United States at the first international congress on the endocrine glands held in Paris in 1939.

A former dean of the Peking (China) Union Medical College, Dr. Severinghaus accepted an assistant deanship in the College of Physicians and Surgeons in 1942 "to help out in an emergency." He was made Associate Dean in Medicine in 1945. Since 1942 he has chairmanned the Committee on Admissions and the Committee on Instruction. The around-the-calendar program of instruction that attempts to cover the mounting accumulation of medical knowledge in a four-year curriculum yet emphasizes significant periods of student research is the product of the latter Committee's work.

Convinced that "even in professional school we need to take particular pains to know the student as an individual and to create a friendly atmosphere for learning,"

Presbyterian Staff on Television



OUR PHYSICAL MEDICINE CLINIC was the scene of a film made by the United Cerebral Palsy Association. Stars of the film: eight patients of our clinic, plus the UCP poster boy of the year, and Miss Theresa Wright, actress. Used to raise funds to support medical care and research in this field, the film was seen in 1200 theaters across the U. S. as well as on national TV. Above: Mrs. Jetta Hendin, therapist, with poster boy.

L. W. KOSTER



NBC CAMERAMAN on location in our cardiopulmonary laboratory is Francis Carroll. Staff members, from left: Dr. Gerard M. Turino, Dr. Aaron Himmelstein, Dr. Alfred P. Fishman.

Dr. Severinghaus is responsible for a program of extra-curricular activities under the P & S Club that has few parallels in professional schools over the country.

Liberal Arts Study

An effective advocate of a true liberal arts education, Dr. Severinghaus chairmanned a committee supported by the Markle Foundation to study programs offered by U. S. colleges as a preparation for medical school. Published in 1953, the report helped to stem a tide toward a narrow specialization at the undergraduate level. A survey, again supported by the Markle Foundation, will be concluded in the fall.

Dr. Severinghaus represents the Faculty of Medicine on numerous all-university academic committees, among which is the President's Advisory Committee of the Faculties. He is also a member of the National Foundation of Infantile Paralysis and the Neurological Grants Committee of the N. I. H.

Dr. Severinghaus was born in Jeffersonville, Indiana, May 5,

1894. He holds the A. B., M.A., and Ph.D. degrees from Columbia, and has been awarded the honorary degrees, Sc.D. and L.H.D.

TV Film to Up Interest In Science Made Here

Work of our cardiopulmonary laboratory was seen on 46 NBC television stations over the country in June and on Channel 4, New York, July 6. The one-half hour film showed heart catheterization, the treadmill and other respiratory measurements, technicians operating Van Slyke and other laboratory machines. Commentary by Dr. Alfred P. Fishman, director of the laboratory, was given live at the initial telecast to 11 stations of an educational network maintained by the National Television and Radio Center at the University of Michigan.

The program was part of a series sponsored by the American Heart Association and intended to interest students in scientific careers. It was a film debut for 10 members of the laboratory staff.

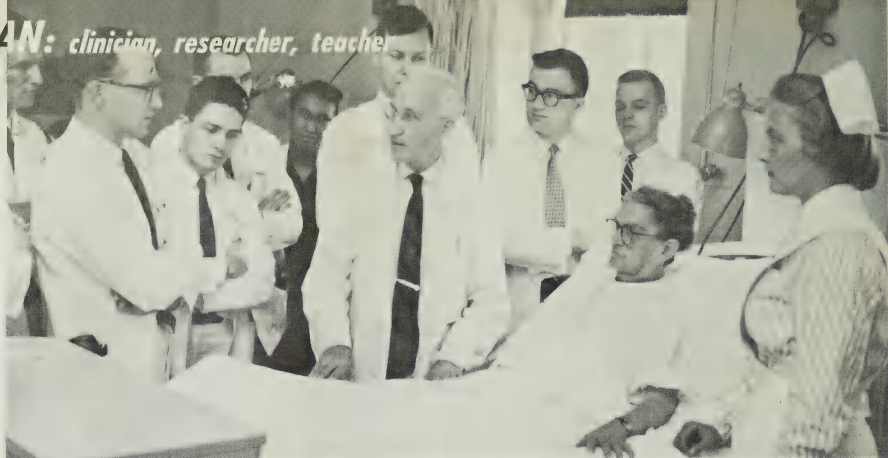
TODAY'S PHYSICIAN: clinician, researcher, teacher

The medical revolution of the last half-century is often spelled out in terms of wonder drugs and surgical feats. In some memorable essays, Dr. Dana Atchley of the Service of Medicine has mapped other major landmarks of this advance. These mark the physician's progress from an "empiric follower of tradition . . . who smothered his treatment in secrecy" to a medical scientist.

Illustrated here are some quotes from Dr. Atchley's essays. They sum up a medical advance to which Dr. Atchley has himself made distinguished contributions. Dr. Robert Loeb, Director of the Service of Medicine, said last month:

"Dr. Atchley became a recognized leader in basic research in the field of electrolyte physiology and his studies of the electrolyte disturbances in diabetic acidosis stand as a classic in clinical investigation. . . . His wisdom, integrity, warmth. . . made it inevitable that he would be recognized as one of the great physicians."

These photographs might record the day of almost any one of the 1,000 physicians of the Medical Center's staff: they honor not only Dr. Atchley, but all the men who have given many years of devoted service to the care of patients here. (See Roll of Honor, page 2.)

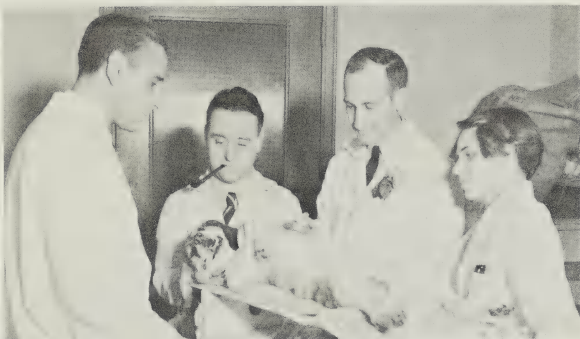


Dr. Atchley conducts teaching rounds in medical ward.

"The true art of medicine is found in the virtuosity required for the accurate accumulation of data, their critical analysis and their scientific integration into the comprehensive appraisal of a single individual . . . Like all great art, the art of medicine is the skillful and creative application of a scientific discipline to a human problem."

Group clinic was established in 1946 by Dr. K. Turner. First of its type, Clinic gives each patient benefit of diagnosis by a panel of specialists. Medical student, right, is here introduced to group practice. Staff doctors, Dr. Atchley, Dr. Loeb, Dr. Richard Lamb, Jr.

Laboratory scene, 1934: from left, Dr. Robert F. Loeb, John O'Neill (now working with Dr. Hattie Alexander's group), Dr. Dana Atchley, Dr. Emily N. Loeb.



"He adapts his program to the specific individual . . . This is a scientist at work on a complex single human being, and concern with the whole person inevitably uncovers human facets that evoke the compassion which is so necessary for good medical care . . ."

"So the young physician moves into his life's work with some understanding of the difficulties and joys involved in the advancement of knowledge . . ."

"Today's physician combines the clinician and the laboratory man, for the rising tide of science has reached him at last and carried him to this new height. No longer happily content with restricted diagnostic pigeonholes, he is able and eager to understand the basic mechanisms that are involved . . ."

PHOTOS BY ELIZABETH WILCOX



"As the physician has been able to give up the magic that was once the chief stock in trade of the most honest practitioners and to assume the role of scientific adviser to his patient, a new quality of integrity has entered the relationship. The atmosphere is that of an honest and candid interchange, the patient responding to the penetrating interest that is implicit in a modern diagnostic study and the physician reacting with the confidence and humility that comes from scientific insight. Such honesty is the firmest foundation for rich human relationships."





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 8

SEPTEMBER, 1958

Deep Footings Needed for N.I.'s 'New Face'



Above is architects' (Rogers and Butler) conception of how Neurological Institute will look when major reconstruction work, now under way, is completed late in 1961.

Work now in progress, excavating for construction of foundations for the 14-story elevator tower and two-story addition at the north-

west corner of the existing building, is complicated by an unusual problem of filled-in terrain. The site formerly included two deep gullies containing streams. Drain pipes were laid to carry off this water and the gullies were filled with riprap from the nearby cut in which the subway was built. Solid hard rock footing is now as much

as 62 feet below ground level and caissons will be sunk from 50 to 60 feet to obtain firm foundation footings.

The contractor, Vermilya-Brown Company, Inc., is no stranger to Neurological Institute, since the predecessor firm, Marc Eidlitz & Son, constructed the original buildings at the Medical Center.

Convalescent Finds Both Home, Hospital at Mary Harkness

"The very beautiful Convalescent Home is a haven of comfort for the renewal of strength of body and spirit, with its tonic air and surrounding beauty without and within, its warm and cheerful atmosphere and sympathetic concern for the needs of each individual. I am very grateful for being allowed to share in it and recover strength."

The above is quoted from a recent letter from a former patient at a component unit of The Presbyterian Hospital but which, because it is not geographically a part of it, may seldom enter the minds of most of us connected with the Medical Center.

The Mary Harkness Convalescent Home is aptly named. It is more home than hospital; yet it has all the comforts of both for the convalescing patient. It is equipped and staffed to be both hospital and home for the patient who has partially recovered, but who still needs a little more care, a transition period of readjustment and rehabilitation—perhaps both mentally and physically—before attempting to resume a normal life.

It was recently estimated that between 80 and 90 per cent of its patients could not, for medical reasons

Continued on page four

Summer Volunteers Set New Record

Those who might have thought the number of candy-stripes, pink smocks, Red Cross uniforms and men's pin-stripe jackets seen about the Hospital this summer has been unusually high have been exactly right. The corps of volunteers has been setting records.

During July 387 volunteers contributed an all-time high of 9,744 hours. Forty-eight candy-stripers contributed 2,163 hours and 22 high school graduates and undergraduate college students gave 1,064, these junior volunteers accounting for 3,227 hours, or 34 per cent of the total. Evening and week-end volunteers who came from business offices and schools after their day's work contributed 1,873 hours.



AS ATTENDING PHYSICIAN, Dr. James T. Bealy visits Convalescent Home patients regularly.



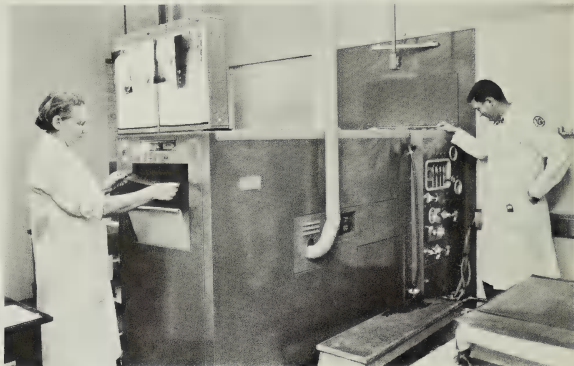
PHYSICAL THERAPY is provided daily in the Home's well-equipped therapy room for those patients requiring it.

REPORTERS

Accounting—Helen Hockenberger. **Building and Grounds**—Margaret Muccilli. **Babies Hospital**—Loretta Molzahn. **Chaplain**—Robert B. Reeves, Jr. **Elevators**—John J. Callahan. **DOS**—Mrs. Florence Moore. **Eye Institute**—Helen Meade. **Nursing Service**—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing). **Housekeeping**—Rosina Wallace. **Laundry**—Mary Minsky. **Library**—Mrs. Selma Gale. **Mail & Messenger**—John J. Campbell. **Occupational Therapy**—Elizabeth Scully. **Protective**—Edwin H. Behlmer. **Purchasing**—Gerard Walker. **Record**—Marion R. Trilling. **Social Service**—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). **Telephone**—Mrs. Ann Traino. **Vanderbilt Clinic**—Barbara Little. **Volunteer**—Laura Vossler.

New Machine Permits X-Ray in Six Minutes

It is now possible for a Presbyterian Hospital radiologist to receive a developed and dried X-ray film within six minutes after this process has begun. Older methods previously used to accomplish this aid to diagnosis of a patient required one hour.



AUTOMATIC X-RAY Processing machine, with technician Thekla Schondalen waiting for print at receiving end (left) and technician Woodrow Robison at controls.

High-speed developing is made possible by an automatic machine recently installed in our X-ray department. The machine replaces older equipment and hand processes in conveying X-ray film through the chemical baths of development and the mechanical steps of drying.

Called the X-Omat, the machine was developed by the Eastman Kodak Co. A series of small electrically driven rollers transport the film through a four-tank developing section: developer, stop bath, fixer, and wash. Wash water is roller squeegeed from the film as it leaves the wash tank. Additional rollers carry the film through a section where warm air picks up moisture from both sides for one-minute drying.

O.T. Group Attends Meeting in Denmark

Several members of the staff of the Occupational Therapy school, College of Physicians and Surgeons, attended the international congress of the World Federation of Occupational Therapists held August 10-16 in Copenhagen, Denmark.

Miss Marie Louise Franciscus, assistant professor and director of training, attended as a delegate from the American Occupational Therapy Association. Miss Marguerite Abbott, assistant professor, presented a paper on cerebral palsy, and Mrs. Isabel Robinault, associate, was a discussion leader on that subject.

Also attending were Miss Dorothy Ericson, associate, Miss Thelma Wellerson, instructor, and Miss Ann Bernstein, senior student. The latter was one of seven students selected from this country to be offered hospitality by the Danish Occupational Therapy As-

sociation and was the guest of a Danish therapist or student during the week.

Miss Franciscus went from Denmark to Great Britain where, as recipient of a Fulbright award for research, she began a nine-month project, observing teaching practices and lecturing in occupational therapy schools and working as a research scholar at the Liverpool School of Occupational Therapy in Huyton, England. During her absence, Miss Martha Schnebly, associate director, is serving as acting director.

Three Nurses Receive Williams Scholarships

Miss Mary Hazzard, Graduate Staff Nurse, PH-8, Miss Anna Marie O'Neill, Head Nurse, Sloane Delivery Room, and Miss Barbara Pier, Head Nurse, BH-11, are the winners of Arthur Williams Scholarships for Graduate Nurse University Study for the 1958 fall semester.

Made available under the will of the late Arthur Williams, philanthropist, of Roslyn, N. Y., the scholarships are for \$500 each and will enable the three nurses to complete their studies for a B.S. in Nursing Education from Columbia University's Teachers College.

Roll of Honor...

Dr. Frederick H. Shillito has been appointed associate director of the University of Michigan's Institute of Industrial Health. He has been an assistant physician, Service of Medicine, College of Physicians and Surgeons, since 1935. Dr. Shillito will also become associate professor of medicine in the University of Michigan's Medical School and associate professor of industrial health in the School of Public Health.

STETHOSCOPIA

• **TRAVELERS:** *Cecile Covell*, Assistant Director of Nursing Service, Neurological Institute, is back after a 10-weeks vacation, nine of which were spent in Europe. First stop was five days at the World's Fair at Brussels, then Holland for the end of the tulip season, followed by a motor trip through England, Wales and Scotland.

Mrs. Lovetto Molzahn, secretary to Elizabeth Callahan, Babies Hospital unit manager, is back from an 11-weeks European trip, the itinerary including West Germany, France, Italy and Switzerland. Her husband, Johannes Molzahn, is an artist and the main purpose of their trip was to be guests at an exhibit of his work in Dusseldorf, which included paintings done in Germany before he came to this country in 1938.

Pauline Gregorich, Personnel Assistant, sailed August 9 for a four weeks European vacation, the World's Fair being a part of her itinerary.

• **ENGAGEMENTS:** *Dr. Rosamond Kane*, an Annie C. Kane Senior Fellow, Orthopedic Hospital, to *Dr. Francis M. Cummins*, assistant radiologist, Presbyterian Hospital.

Dr. Seldon J. Dickinson, assistant resident, Service of Surgery, to *Jeanne D. Richmond*, a radiological physicist at Roosevelt Hospital.

Barbara Scott, a graduate of the Department of Nursing, Columbia, to *John O'Brien*, a senior West Point cadet.

• **WEDDINGS:** *Dr. Herbert L. Cooper*, intern, Presbyterian Hospital, married Ruth Seiden, a Smith College graduate and holder of an assistantship in Ohio State University's English department for the past year.

Barbara Toth, a 1958 graduate, Nursing, was married to Richard Polovitch in the Pauline A. Hartford Memorial Chapel on July 5.

A. John Eleuteri, Jr., 4th year medical student, College of Physicians and Surgeons, married Stephanie Marie Hillstrom, a 1958 graduate of Wellesley College.

Anne Stockhamer, who will remain on the staff of Social Service, Medical Division, was married to Dr. Charles Silberman, a psychiatrist at Mt. Sinai Hospital.

Robert M. Neer, Jr., 2nd year medical student, College of Physicians and Surgeons, married Eva Julia

Augenblick, a senior at Barnard College.

Leonard Allen Katz, 2nd year medical student, College of Physicians and Surgeons, married Judith Horowitz, a 1958 graduate of Sarah Lawrence College.

Dr. John Joshua, resident, Orthopedic Hospital, married Natalie Siegel who has been serving the Hospital as a Volunteer.

Edward S. Kaplan, 4th year medical student, College of Physicians and Surgeons, married Linda Cecile Stone, a 1958 graduate of Smith College.

Nancy Myrtle Fletcher, a 1958 graduate, Nursing, was married to Ensign Lincoln D. Cathers, U.S.N.R., who is stationed in Washington.

Elizabeth Rein, head nurse, 17th floor, Presbyterian Hospital, and Edward Quinn scheduled their wedding for September 6. Mr. Quinn is with the Metropolitan Life Insurance Company in New York.

• **CONGRATULATIONS TO:** *Dr. and Mrs. Landrum B. Shettles* on the birth of their fifth child, a boy, David Ernest. Dr. Shettles is an Assistant Attending Obstetrician and Gynecologist.

Mr. and Mrs. Patrick Ryan on the birth of their second child, a daughter, Kathleen. Mr. Ryan is a member of the Protective Department; Mrs. Ryan, the former Marie Harnden, was formerly a Sloane Hospital head nurse.

• **RETIREMENTS:** September brings retirement for *Kathryn J. Arthur*, a medical secretary in D.P.P.O. Her Hospital service began on October 1, 1939.

Busy Librarians

The Milbank Library's circulation of books to patients in July reached a new record of 1,627, an increase of nearly 200 over the previous month. The library added 92 books during the month, bringing its total book stock to 4,545. The greater part of the additions was a gift from the Thrift Shop of the Women's Auxiliary of Presbyterian Hospital.

PHOTO CREDITS: *Convalescent Home* pictures by Elizabeth Wilcox; *X-omat* by Werner Wolff, Black Star.

Hobby Tips Wanted

There are obviously many persons in the Medical Center family with unusual and interesting hobbies, but *Stethoscope* needs your help in tracking them down. Your tips to Public Interest (7076) on such hobbyists would be appreciated.

In Memoriam

DR. MARCEL GOLDENBERG

Dr. Marcel Goldenberg, noted cardiologist and discoverer of the presence in the adrenal gland of the substance known as "nor-adrenalin," which he then established as a cause of high blood pressure, died recently in the Hospital.

Dr. Goldenberg was an assistant attending physician, Service of Medicine, and an assistant clinical professor of Medicine, College of Physicians and Surgeons.

Born in 1901 in Lemberg, Austria, he received his medical degree from the University of Vienna in 1926. He achieved prominence for his experimental work in cardiology in Vienna from 1928 until 1938. He came to the United States in 1938 and was appointed an instructor at the College of Physicians and Surgeons in 1939 and an assistant physician at the Hospital in 1944. In 1955 he was named to the two posts he held at his death.

Dr. Goldenberg's nor-adrenalin discovery is recognized as a major advance in medicine, since it was believed previously that the substance was only elaborated at nerve endings. He went on to devise tests, now used diagnostically throughout the world, for the identification of nor-adrenalin in the blood and urine of patients. Synthetically-made nor-adrenalin has world-wide usage in operating rooms to maintain normal blood pressure during surgery, and also to maintain patients who are in shock from heart attacks or trauma.

He also established that progressive hypertensive disease in certain patients is caused by over-secretion of nor-adrenalin and that they can be completely cured by the removal of an adrenal tumor.

Dr. Goldenberg demonstrated the differences in the effects of nor-adrenalin and adrenalin on the circulation. His work is of singular significance since it represents the first and only demonstration in man of the fact that a specific chemical substance present in excess can cause progressive hypertensive disease.

His wife, Rosalind, and a daughter, Heidi, survive.

FRANCIS V. BRITT

Francis V. Britt, Hospital administrative assistant for Buildings and Grounds, died recently in Harkness Pavilion after a brief illness. He was 53.

Mr. Britt assumed his Hospital post on June 15, 1955. His work took him to all parts of the Hospital and this tall, silver-haired man soon became a familiar sight as he went about his duties. His amiable personality and constant good cheer made him welcome wherever he went.

A native of Massachusetts, Mr. Britt received his formal education at State University of New York

ONE THING LED TO ANOTHER

Old Hospital Prints Doctor's Newest Hobby



(Third in a Series on Unusual Hobbies)

The collecting of prints of old hospital buildings, current hobby of Dr. Charles W. Findlay, Jr., of the Hospital's Surgical Service, is one which evolved gradually out of other interests.

"Shortly after we were married," he explains, "my wife and I could only afford second-hand furnishings for our home. Because the effect was not satisfactory, we began to acquire antique furniture in the rough which we refinished ourselves. At the same time we also became interested in antique china, glassware and appropriate decorations."

When the present Findlay home was furnished in antiques it became evident that the decor called for old prints on the walls. Dr. Findlay began a search for some with a personal significance, such as those representing cities where he had lived. He is a Yale alumnus, and one day while looking over some New Haven prints in a shop in Richmond, Va., he came across an old hospital print. This was the beginning of an entirely new interest.

"The hospital prints that I am looking for must be both artistic and interesting," Dr. Findlay says. "Although most are of historic interest, the majority are lacking in artistry, or the subject matter is morbid or maudlin. The best that I have seen were made during the first half of the 19th century, of such buildings as Massachusetts General, New York Hospital and Philadelphia General."

His collection to date includes a color steel engraving, from a British source, of Massachusetts

General, dated 1831, and one of New York Hospital, in which the artist depicts cows grazing on the hospital grounds. He also is pleased with two illustrations from Harper's Weekly, one showing a Civil War "army drug store" and the other a scene on a "Floating Hospital" sponsored by St. John's Guild in 1874.

"The quest is usually more fun than the acquisition," Dr. Findlay says. "My wife and I have had many pleasant conversations with countless antique dealers. On the whole, we have found them enjoyable people to deal with, and the exchange of ideas with them and fellow collectors has been interesting and rewarding."

"While I was in the Army we traveled through thirty states and our finds in various places were fascinating. One of our best pieces of furniture was purchased in Oregon, although it was originally from the Southeast. We saw fine New England seascapes in middle western shops."

"The quest also leads to much interesting reading. There are many beautiful and scholarly books on early Americana. From them one can learn a great deal of the early social and economic history of our country, and many interesting facts on early furnishings are recounted. These volumes in themselves are a delight to the amateur collector."

ties with the Birds Eye division of General Foods Corporation. He is survived by his widow, Helen Britt. They resided in Chappaqua, New York.

CURTIS R. SOUTHWICK

Curtis R. Southwick, who was employed in the Hospital treasurer's office for nearly 24 years before his retirement in 1942, died August 18 at the age of 89. Mr. Southwick was a charter member of the 25 Year Club and always attended its annual dinners. He resided with a daughter in Ridgewood, N. J.

Griswold Portrait Given to Hospital

A recent highly valued addition to the Hospital's collection of art was a large portrait of W. E. S. Griswold, Sr., a trustee for 36 years and father of one former trustee and one who is currently serving. Mr. Griswold is now an honorary trustee.

Mr. Griswold recalls that he found time to sit for the portrait, which has been hung in the Babies Hospital board room, about 1930 while he was recovering from a broken ankle. It was done by Miss Lydia Emmet, well known New York portrait painter.

The portrait was presented to the Hospital by Mr. Griswold's four children: Mrs. Dana T. Bartholomew of New York, elected a trustee on April 1; Mrs. Woodbridge Bingham of Berkeley, Calif.; W. E. S. Griswold, Jr., of St. Paul, Minn., a former trustee and now an honorary trustee; and John Griswold of Greenwich, Conn.

Dr. Perera in Group Making Soviet Tour

Dr. George A. Perera, Associate Attending Physician, Service of Medicine, is one of three American doctors currently visiting Russian medical facilities under a plan through which they hope to set up a cultural exchange program which would bring three Soviet doctors to this country later in the year.

The Soviet invitation was arranged through the auspices of the American Friends Service Committee. With Dr. Perera are Dr. Joseph Stokes, Jr., chairman of the Pediatrics Department, University of Pennsylvania, and Dr. Samuel Corson, physiologist, University of Arkansas.

En route home, Dr. Perera will stop at Brussels to speak at the Third World Congress of Cardiology. He is due back at the Hospital September 22.

From the Mail Bag...

"I was a patient in Plastic Surgery . . . Because of the wonderful improvement you made in my appearance I was able to obtain work, and have been made very happy."

"After 6 days in the hospital receiving all sorts of tests, my son (8 years old) on leaving remarked that he would 'miss all of the nurses.' I believe this speaks for itself how I feel on the wonderful care my son received."

"Especially I thank the doctors and nurses on the 11th floor who made my ordeal of treatment and operation an almost pleasant experience."

"The food is well cooked and served nicely. For anyone who has to be in a hospital, I consider this the perfect place."

Convalescent Given Both Home, Hospital

Continued from page one

sons, have been sent to their own homes; in other words, without this opportunity for transition, they would have required further care in the Hospital proper.

The Mary Harkness Home is ideally located. On the edge of Port Chester, it is on a beautifully landscaped 80-acre estate left to the Hospital in 1930 by the late William W. Cook, lawyer and author. The Home's original two-story colonial building was built with \$1,000,000 provided by Mrs. Edward S. Harkness and opened on October 1, 1937, and the Strong Memorial Wing, made possible in the will of the late W. E. S. Strong, was added in 1952.

Reached by the Hutchinson River Parkway, it is easily accessible from the Hospital. The ease of transportation makes it possible to bring a patient back to the Hospital quickly, if the need arises, and permits doctors and others who serve the Home from the Hospital to get back and forth without undue delay.

Informality Prevails

The country location is considered to offer other great advantages. An air of informality always prevails, and on good days a group of patients will be found on the terrace, sharing amiable conversation or just plain enjoying Old Sol. Others, a bit closer to normal strength, will wander off on walks which lead into pleasant wooded areas, or perhaps engage in a game of croquet or other exercise on the spacious lawn.

Inside one will find a large living room which is truly home-like, with restful couches, armchairs, a piano, a book corner and a fireplace which is both cheerful and utilitarian in the winter. Nearby is the dining room for patients, with large windows overlooking the lawns and gardens. Beyond the dining room is the patients' recreation room, overlooking a field with the parkway in the distance. This room is furnished with writing desks, card tables and a television set.

The main floor has two female-patient corridors, each with at-



OCCUPATIONAL THERAPY provides many pleasant moments for patients. Most of them make gifts for loved ones at home.

tractively furnished single rooms. In addition there is a treatment room and dressing room.

The second floor, reached by a self-service elevator, has a 15-bed men's corridor, a lounging room equipped with shelves of books, writing desks and TV set, especially for those who prefer the sports programs in the evening. The staff housing also is on the second floor.

The hospital aspects of the Home meet every need required by the patient. There is complete continuity of medical records, with the patient's chart and all orders accompanying him. The Hospital doctor can be consulted, if needed. Preparation of food is supervised by a dietitian and any required special diet begun at the Hospital is duplicated. Meals are served at the tables, requiring no tray-carrying by the patient.

Ample Medical Care

Miss Miriam Hubbard, R.N., has been superintendent of the Home since August, 1953. Dr. John T. Beaty serves as attending physician from his Greenwich, Conn., home.

Many patients during convalescence require the services of the Department of Physical Medicine to improve their body function or fit them for coping with their physical every-day needs. Such patients are routinely examined by Dr. Robert C. Darling, Director of Service, Physical Medicine, and Dr. William B. Snow, Director of Clinical Services and Attending Physician of that service, who prescribe the necessary treatment.

There is a small but well-equipped physical therapy room and Mark Glatzer, Hospital physical therapist, spends half of each working day out at the Home, working with patients there. A dressing clinic is conducted regularly, at which patients are taught to do their own simple dressings and other methods of self-care.

Occupational therapy is considered an important phase of rehabilitating the convalescent patient and Mrs. Susan Millman is kept busy teaching them how to use their skills to take up some of

their free time. The O.T. room has equipment permitting a range from the simplest needlecraft to skilled woodworking with a fine collection of both power and hand tools.

Social Service Staff members work closely with the Home, helping its patients with problems which might impede return to real home and community. Its spiritual needs are served by the Rev. Charles W. Legge, associate chaplain with the Hospital Chaplain's Department.

There is no arbitrary restriction on diagnoses of patients for admission to the Home. Other than the requirements that the patient be ambulatory and not require a doctor's daily attention, the only important consideration is the answer to the simple question: "Will the patient benefit from it?"

The doctor on the floor decides on whether the patient is eligible for admission. After the application is filled out and the chart is properly prepared for the transfer, the admitting office arranges transportation to the Home via its station wagon which operates a daily "shuttle service" between there and the Hospital. Admissions are made daily Monday through Friday. Patients discharged from the Home are always brought back to the Hospital for a final check-up before being permitted to return to their own homes.



AN EX-TAILOR enjoyed mending clothing of all fellow patients who sought his services.

Social Service Gets Teaching Impetus

In a broadened program for the teaching of social work students, calling for participation by both the College of Physicians and Surgeons and Presbyterian Hospital, the College has announced two new appointments in the Department of Medicine.

Miss Barbara Judkins was appointed Assistant Professor of Medical Social Work. She is also Educational Director of Social Service. Miss Norma Pike was named Assistant Educational Director and Instructor of Medical Social Work.

Miss Judkins will be responsible for all Social Service teaching, mainly the field work teaching of social work students, classroom teaching for student nurses and participation in the teaching of medical students. She will coordinate all of the programs within the Department, the various services and departments within the Medical Center and with the schools of social work.

Made possible by a grant from the Gustavus and Louise Pfeiffer Foundation, this educational program is considered significant in its field, since it is the first of its kind to receive joint recognition by a hospital and a school of medicine of the need to provide field work training for social work students.

Prior to this appointment, Miss Judkins was Professor of Social Case Work, School of Social Work, at the College of William and Mary. Earlier she was assistant professor at McGill University School of Social Work, 1947-51, and assistant professor at the University of California School of Social Work, 1951-55. She spent last summer on the Social Service Staff here. Miss Pike has served on the staffs of the Community Service Society of New York and the Social Service Department of Mt. Sinai Hospital.



FOOD PREPARATION is supervised by a dietitian.



IT'S TIME for his medicine.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 9

OCTOBER, 1958

First Patient Treated by Insulin Celebrates 36 Extra Years by Visit Here

A Presbyterian patient, Russell Kohl, 66, celebrated 36 extra years of life last month. These years came to Mr. Kohl as a result of the discovery of insulin in 1921, by Dr. Frederick G. Banting and Dr. Charles H. Best at the University of Toronto.

Mr. Kohl was one of the first patients in the U. S. to be treated with the new discovery. He received the first injection, 5 cc., at Presbyterian Hospital on September 8, 1922. After over 40,000 injections of insulin, Mr. Kohl is today in excellent health, and works every day on his fruit farm in Newburgh, New York.

Mr. and Mrs. Russell Kohl marked the anniversary by lunching with members of our medical staff. They were welcomed by the staff including Dr. Robert F. Loeb, Director of the Hospital's Medical Service. Dr. Loeb was a young resident at the time of the treatment, and with Dr. Franklin M. Hanger and Dr. Paul B. Sheldon assisted in caring for Mr. Kohl.

When Mr. Kohl was studied for the first time in Presbyterian's pioneering metabolism ward, severe diabetes was a disease carrying a high mortality.

In the summer of 1922, Dr. H. Rawle Geyelin of the Presbyterian staff wrote to his patient in Newburgh:

Continued on page two

Author Taking Own Books to Patients

Many patients who receive reading matter from the Milbank Library have recently had the added pleasure of talking to the author of some of the books they request.

Mrs. Alice Ross Colver, author of many books, particularly popular with girls and women, has joined the group of volunteers who aid the library in giving book cart service to patients and has also presented it with several of her published books.

James Foundation Aids Hospital Construction

Special grants from some of the great philanthropic foundations will help finance the extensive construction and modernization now under way at the Medical Center and projected to last over the next several years.

One grant is currently being expended on one of the first major projects, modernization of the Neurological Institute and centralization of tray service for meals served to patients. These are grouped as one project, since clearing Food Service department facilities from the Institute's ground floor for the work being done there depends on establishment of a centralized food service in the main building. The total estimated cost is \$3,085,000, of which \$2,500,000 is for the Institute and \$585,000 for the Food Service.

In August, the Hospital was advised that the trustees of the James

Continued on page four



NEWCOMER with Dr. Charles B. Pratt and Dr. Beverly C. Morgan. Medical student Edward Bowe, lower right, is checking temperature.

Smallest Infants Today Have a Chance, Science Opens Path to Normal Growth

Around ten o'clock of a hot morning in August a New York City Health Department ambulance pulled up to the door of Babies Hospital. Out stepped a trim public health nurse. Next came the driver, carrying a suitcase-size incubator into which oxygen bubbled from two small tanks.

Inside was Baby Smith,* on his way to his chance to live: the Babies Hospital nursery for premature infants.

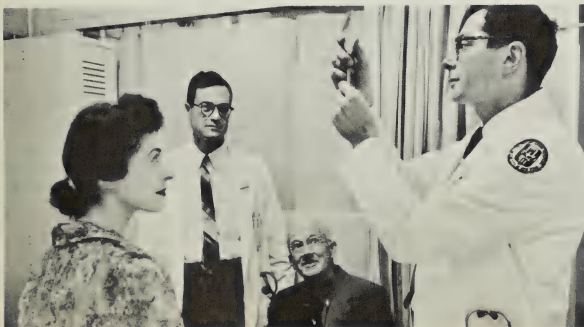
Within minutes Baby Smith, a 1-pound, 11-ounce bundle of life, had been transferred to an incubator in the premature nursery. In this plexiglass-walled nest a supply of air—warmed, cleansed of bacteria and humidified—provided an atmosphere custom-tailored to his requirements. These were now being busily investigated by the capable hands of a young doctor and nurse, reaching into the incubator through four plastic sleeves.

Baby Smith had come into the world almost three months too soon. His large head dwarfed his frail body, and downy hair covered his chest and back. As the examining physician gently uncurlled him from the prenatal curve in which he still slept, his

Continued on page three

FIRST INSULIN PATIENT re-visits Metabolism Unit. From left: Sylvia Cuppelt, present patient; Dr. Kermit Pines; Russell Kohl, 1922 patient; Dr. DeWitt Goodman.

CARL GOSSETT, THE NEW YORK TIMES



* Not his real name, of course.

REPORTERS

Accounting—Helen Hockenberger. *Building and Grounds*—Margaret Muccilli. *Babies Hospital*—Loretta Molzahn. *Chaplain*—Robert B. Reeves, Jr. *Elevators*—John J. Callahan. *DOS*—Mrs. Florence Moore. *Eye Institute*—Helen Meade. *Nursing Service*—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing). *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Mrs. Selma Gale. *Mail & Messenger*—John J. Campbell. *Occupational Therapy*—Elizabeth Scully. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). *Telephone*—Mrs. Ann Traino. *Vanderbilt Clinic*—Barbara Little. *Volunteer*—Laura Vossler.

It Was 'Back to School' for Hundreds Here

Along with the millions of other students throughout the United States, it was "back to school" for several hundred members of the Medical Center family in September.

First Patient Treated by Insulin Visits with Staff

Continued from page one

"If you can live until we get the new stuff from Toronto, we might save you."

This letter was followed within a few weeks by good news:

"The stuff from Toronto has come. I want you to come immediately to the Presbyterian Hospital to receive it. Please do not delay. You are one of the privileged few."

In the initial trials, Mr. Kohl received 10 injections of insulin daily. Every laboratory resource available to medical science at the time was used to follow the effect of this hormone on his body chemistry. A member of the Banting-Best group came to observe the treatment, as did a representative of the Eli Lilly Corporation, which was then working with the University of Toronto under the first contract to mass-produce insulin. Lilly contributed the insulin used in all the early clinical work. The University of Toronto also sent a specially trained nurse to supervise the injections.

Continuing study of diabetes is part of larger studies of how a number of hormones act in the body now underway in the Presbyterian Metabolism Unit. This unit, established in 1915 by Dr. Geyelin, was one of medicine's first attempts to throw light on certain disease states by exact studies of bodily input and output. Support by friends of the Hospital today makes it possible to hospitalize patients in this unit and to undertake measurement of the chemical components of every item of food given them and analysis of many chemical by-products excreted by means of such modern laboratory instruments as the spectrophotometer, the spectrophotofluorimeter, electrophoresis, and others.

"Current studies being carried forward by a number of members of the medical staff in the Metabolism Unit," Dr. Kermit Pines, chief of the unit, said at a teaching session, "concern hypertension; arteriosclerosis; the relation of aldosterone, a recently discovered hormone of the adrenal gland, to congestive heart failure; other studies of adrenal steroids, which have made it possible to diagnose certain glandular abnormalities."

"Through funds given by John D. Rockefeller, Jr., Presbyterian Hospital was able in 1923 to offer instruction for some 580 physicians in the use of insulin in the treatment of diabetes," Dr. Donald Tapley said.

Dr. Tapley also mentioned the advance in the treatment of diabetic acidosis which followed on the work of Atchley, Loeb, Richards, etc. here in the 1930's. This work established the quantitative nature of the elec-

trons. Largest single new class to enroll here was that in the Department of Nursing, Faculty of Medicine, Columbia University. It has 129 student nurses in its Class of 1961. Although nearly half (57 to be exact) of these new arrivals are from New York, they represent a dozen states, some from as far away as California. With these added to the 116 in next June's graduating class, the 127 in the Class of 1960 and eight graduate nurses who are taking the maternity nursing course, the Department of Nursing currently has 380 students. The school has graduated 3,599 nurses since it began in 1892.

The College of Physicians and Surgeons has the highest total of students for any single school, with 474. Its new class of 120 is representative of 41 colleges and universities, 20 states and one foreign country, Iran. The new class was selected from about 1,800 applicants.

Dental and Oral Surgery enrolled a new class of 40, giving it a total of 149 students. It also has 29 girls studying dental hygiene. The School of Public Health and Administrative Medicine began the new school year with an even 100. The College has 38 new students taking its physical therapy course, for a total of 46, and 22 new occupational therapy students, making a total of 30.

Like all other New York City public schools, P.S. 401X, on the 12th floor of Babies Hospital, began the school year on September 8. Teacher Mary Shanley, who teaches children from the first through the eighth grades in the one classroom, started off with 12 pupils. The enrollment here naturally fluctuates from day to day.

Doings of Doctors...

Dr. Saul B. Gusberg of the Service of Obstetrics and Gynecology recently returned from a lecture trip in Europe where he participated in a series of conferences on cancer of the uterus as the American gynecologic representative. He gave formal lectures at the International Cancer Congress in London and the International Gynecological meeting in Brussels and also participated in a similar conference in Stockholm.

trolyte disturbances that occur in diabetic acidosis and made it possible to supplement treatment with insulin by intravenous injection of needed electrolytes. Modern methods of treatment have made it possible to reduce mortality in states of severe diabetic acidosis from 20 to 40 per cent to 2 or 3 per cent.

PHOTO CREDITS: All pictures except insulin patient, page one by Werner Wolf, Black Star.

STETHOSCOPIA

• **WEDDINGS:** *Virginia Sorby*, a 1951 graduate, Nursing, who recently left the staff of the Mary Harkness Convalescent Home to enter the Navy Nurse Corps, married Lt. Gilbert S. Murray, Jr., U.S.N. They will reside in Carmel, California.

Judy Gans, Collection Department, married Robert Sarfaty, of Columbia Pictures Corp.

• **YOUNG VISITORS:** The Accounting Department has recently been enjoying visits from several proud mothers, former employees, with their delightful infants. Among them were *Carole Hinnigan Whelan* and her son, Thomas Patrick; *Marie Manning Cartwright* and her son, James Joseph; *Elma Poyhonen* and her son, John Paul; and *Mildred Langert* and her daughter, Cynthia Karen.

• **SCHOLARSHIPS:** *Mary E. Green*, R.N., and *Marie Wyda*, R.N., Neurological Institute, awarded scholarships from the Seatlantic Fund.

Edith Luik, head nurse, Babies Hospital, an education grant to study in pediatric nursing, State of New York Department of Health.

Yvonne Bozinski, R.N., Vanderbilt Clinic, University of Pennsylvania Senatorial Scholarship.

Martha Haber, R.N., recently instructor, Neurological Institute, a federal traineeship offered by the Department of Vocational Rehabilitation for advanced study in nursing education.

Rose Mary Hoynak, R.N., senior supervisor, medical and surgical unit, Presbyterian Hospital, federal nurse traineeship.

Jane McConville, R.N., and *Carolyn Dawson*, R.N., Babies Hospital, a Children's Bureau scholarship.

Barbara Heaney, daughter of *Thomas Heaney*, Patients Accounts, was awarded a Generoso Pope Scholarship upon graduating from Mount St. Ursula and has entered the Ursuline College at New Rochelle.

• **CHANGE OF STATUS:** Five young women who were formerly Presbyterian Hospital volunteers entered nursing schools this fall. They are *Jeanne Breckwoldt*, who entered our own Department of Nursing; *Judith Jones*, Mt. Sinai Hospital; *Janet Spiva*, Beth Israel, New York; and *Sarah Matissoff* and *Ilana Tropp*, Beth Israel, Newark.

• **RETIREMENT:** September brought retirement for *Mildred Balmann*, night nurse, Mary Harkness Convalescent Home. After a few months in New Brunswick, Nova Scotia, she will make her home in Rye, New York.

• **ANNIVERSARY:** *Rose Finkel*, Collection Department, and her husband, Irving, celebrated their 35th wedding anniversary at Bar Harbor. Celebrating with them was the couple who had made their wedding a double ceremony.

• **KUDOS:** *Monica Mangan*, daughter of *Anne Mangan*, Billing Department, received a B.A. degree cum laude with departmental honors in English from St. Joseph's College for Women.

In Memoriam

Ernest Thyssen, a machinist and carpenter foreman in the Hospital's maintenance and construction department, died August 15 at the age of 57. He was employed here since 1941 and during that time was responsible for introducing many innovations on various pieces of mechanical equipment throughout the Hospital. He is survived by his widow, a daughter and a son, Frank, who is also employed in maintenance and construction.

Dr. Apgar Becomes Student for 6 Months

Service of Anesthesiology associates of Dr. Virginia Apgar are willing to make book on her latest venture—but can find no takers.

Anxious to improve her knowledge of one of her chief interests, the health of the newborn, Dr. Apgar, Attending Anesthesiologist, is spending a six months sabbatical at the Johns Hopkins School of Public Health, taking a course which normally requires eight months. Dr. Apgar expects to do it in six, and those who know her will take bets that she will be back in exactly a half year, with course completed.



AMBULANCE ARRIVAL: Miss Joann Owens, R.N., checks transport of her charge.



SPECIAL DELIVERY by Donald Skop.



Smallest Infants Today Have a Chance, Science Opens Path to Normal Growth

Continued from page one

breath came with a feeble whine.

Twenty years ago there would have been little chance for this baby to survive the first hazardous day of his premature departure from his mother's womb. Today, Baby Smith, the 2,146th admission to Babies' premature nursery, has a better than 25 per cent chance to live. (If he weighed two pounds or more, his chance would go up to 72 per cent.)

The question that hangs over Baby Smith, as the doctor watches his bird-like rib cage lift with each feeble breath, is today more than: "Will he live?" This premature infant will have every aid to life that medical progress has fashioned over the last decade.

But physicians cannot yet promise Baby Smith's anxious parents that he will survive without brain damage. One-fourth of all premature babies face life with some degree of brain impairment, a percentage largely garnered from the smallest infants. And one out of every fifteen U. S. births is premature.

Now the physician is busy sizing up Baby Smith's chances. Feeble kicks and tiny groping movements are a good sign: if the baby's brain had suffered gravely from lack of oxygen during birth, he would lie quite still. But his head does not turn in the rooting reflex that doctors have learned to recognize in infants, nor can he suck or even swallow. He will have to be fed through a soft plastic tube. Small amounts will be carefully gauged to fit his small stomach, and he will be fed every two hours or so for a while, often without waking up.

Electronic Stethoscope

Small as he is, this baby is well formed. The doctor notes with pleasure that no asymmetry of chest suggests a malformed heart, lungs or spine; no convulsive movement raises the possibility of a brain deformity.

With a specially designed stethoscope, whose electronic amplifiers pick up the faint heart beat, the doctor finds the sounds that tell him Baby Smith has arrived with a good heart. But the baby's shift from taking oxygen out of his mother's bloodstream to the harsher demands of extra-uterine

life has been an abrupt one, and his small lungs have not yet completely developed. His rapid shallow breathing shows how hard it will be to keep his lifeline of oxygen-enriched blood flowing through his healthy heart.

While the doctor's fast but gentle scrutiny assures him that Baby Smith has escaped any of the obvious defects of development before birth, he knows that this infant has arrived with little of the equipment needed for independent life. His lungs, kidneys and liver are not yet fully developed; thread-like blood vessels have not yet branched in all parts of his body; the nerve centers in his brain are not yet able to regulate body temperature or even breathing.

Hazard of Bilirubin

There is one clear sign of danger, and this has been apparent to the doctor since his first glance at the newcomer. The baby's transparent skin is not a normal rosy red. Its sallow yellow shows that he is already burdened with the special hazard of jaundice. His immature liver is not yet able to get rid of the pigment from the blood cells it daily destroys, and this backs up as bilirubin in his bloodstream.

The bile pigment, bilirubin, is a hazard that can't be fought with a constant-temperature incubator, nor with any of the other marvelous resources that medicine has built to help the premature infant cross the threshold of life. What this hazard means, and how physicians at our own Babies Hospital discovered a way to avert one of its worst results, is a subject to which we shall return.

Right now Baby Smith has a more urgent problem, and that is simply keeping warm enough to stay alive. His sluggish circulation, feeble breathing, lack of insulating fat, his inability to warm up by brisk kicking

or moving—all this means that he is finding the world a cold place indeed.

"Just keeping prematures warm enough—but not too warm—has been the toughest part of the job until recently," said Dr. William A. Silverman, a 41-year-old pediatrician who as director of Babies premature nursery has spent a large part of his professional life in finding out how to help these infants live.

Infra-red for Radiant Heat

"Few of these babies can live unless body temperature is maintained on an even keel, and not one has the resources for temperature regulation. Although we have a marvelous system for controlling the temperature and humidity of the air circulating through the entire premature unit as well as that supplied to each incubator, we have not until recently been able to provide minute-to-minute individual control of the temperature of the incubator to respond to the changing heat requirements of each infant.

"Now we think we have the thing licked. . . . Take a look at these four incubators. They're the first of their kind anywhere in the world. We've been testing them for some time now, and we're going to report that they work very well.

"In these units we're supplying air at a controlled base temperature of 86°F., but we're supplementing this heat supply by special lamps. The lamps, placed at the top of the incubator, provide radiant heat from the infra-red band of the spectrum—in this way the baby absorbs heat directly from the heat source, instead of taking it from a moving blanket of warm air. Another advantage is that the 'on-off' response to radiant heat is almost instantaneous.

"Each infant wears a temperature-sensing element attached to his abdomen. Through feed-back controls, this small wire activates an automatic shut-off of the infrared lamps the instant the baby's body temperature goes above a set level. Thus the device also provides automatic adjustment to varying levels of air humidity which affect the body's ability to lose or gain heat.

Artificial Baby

"In each incubator there's an 'artificial baby'—an assembly of glass-tubing enclosing a heat-sensitive element—which safeguards us against any flaw in the operation of this automatic temperature control system. If the temperature of the 'artificial baby' should go above the safety point, a red light and an alarm buzzer alert us to trouble.

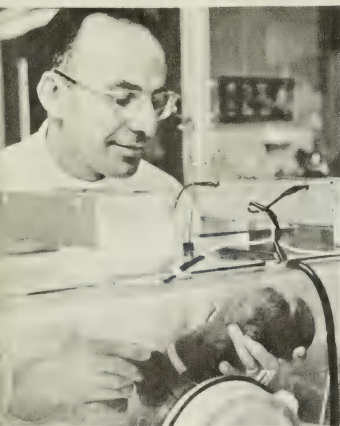


GENTLE HANDS HELP: Miss Harriet Hetler, R.N., left, and Mrs. Florence Davis, R.N. Miss Priscilla Parke, R.N., head nurse, was on vacation when these pictures were taken. "Our nursery studies would not have been possible without Miss Parke's intelligent cooperation," Dr. Silverman said.

"Dr. Frederic J. Agate of the Department of Anatomy has spent a lot of time on this automatic system of heat control, working with the Air Shields people, who supply incubators which have been used in the nursery for some time. This work has been greatly aided by a grant to the Hospital from the Dunlevy Milbank Foundation.

"The new radiant-heated units provide a micro-climate quite unlike any ever experienced by newborns on this planet before, and considerably closer, we think, to the ideal environment supplied by the mother's body in the

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DR. SILVERMAN: a micro-climate new to this planet.

Normal Growth Opened to Many More Prematures

Continued from page three

months before birth. They have made it possible for us for the first time to keep these infants at the normal body temperature of 98.6° F. We had not been able to warm them up this much before, because they too quickly shot above this temperature point, at the risk of damage before we could detect the change."

Is 98.6° F. the best temperature for prematures to grow in? At the moment, no one can answer this question with assurance. But in a matter of months, Dr. Silverman and his research colleagues expect to have an answer.

It will come from the same sort of objective, controlled studies that have been underway in the Babies' premature nursery for five years or so—studies that have, fact by objective fact, helped to open, not only life, but normal health to the premature infant.

The Careful Gardeners

It has been far from easy for physicians, growing these tiny seedlings like careful gardeners, to find out just what to do to help them grow. Some doctors felt that a body temperature as much as 14 degrees below normal helped the smallest infants to survive. Others believed that a relatively high level of air humidity was important and devised nozzles and detergent sprays to moisten the air of incubators. Still others argued that premature infants, like baby chickens, thrive best at relatively high temperatures.

Few of these opinions were backed by the kind of evidence that science demands. Dr. Silverman has been able to provide such evidence. For some years, he has been testing the effect of various air temperatures and humidities in a series of carefully controlled observations involving some 500 infants. This is probably the largest number of premature infants for whom scientifically exact observations of the effect of atmosphere have been possible. Dr. John W. Fertig, Professor of Biostatistics of the School of Public Health and Administrative Medicine, is collaborating in the program.

Although this work is not yet finished

and a current study is testing whether an influence of humidity over and above its effect on heat loss has been overlooked, tentative conclusions have been reached. These are: Premature infants do better at higher than at lower temperatures. Moist air does not, as some doctors have believed, make it easier for premature infants to breathe. The beneficial effect of humidity has been traced to the well-known fact that moist air reduces loss of body heat.

Work in the premature nursery also helped to penetrate the mystery of retrolental fibroplasia—the condition in which damage to the retina of the eye meant blindness for some premature infants. Looking backward from today's vantage point of tested fact, it is easy to forget just how hard it was for physicians to make their way through a thicket of "findings" on what was damaging the eyes of premature infants—when each "authoritative finding" pointed in a different direction.

"On the very day in 1951 that Kate Campbell of Australia walked through our premature nursery and told us that she thought too high a level of oxygen was damaging the eyes of the infants whose lives were being saved all over the world by modern incubators," Dr. Silverman said, "we received a report from an eye specialist in the Middle West presenting impressive 'evidence' that a high level of incubator oxygen forestalled eye damage.

Hidden Danger

"Recall that then—just about seven years ago—we didn't know for sure whether something in the environment was hurting the infants' eyes or whether we were simply seeing more infants born with undeveloped eyes. We were trying everything to combat the retinal damage that meant blindness for some of the babies that lived: we patched eyes to keep out light, we gave ACTH, injected gamma globulin, looked for the virus thought by some to be causing eye infection, and tried a good deal more.

"Finally, through the National Institutes of Health, we got together and arranged for scientific testing of the oxygen hypothesis in a number of first-rate premature nurseries over the country. Babies Hospital nursery was one of them.

"Well, everybody now knows the answer. Analysis of the objective data, obtained by testing a large number of infants at different oxygen levels, showed beyond any reasonable doubt that the higher the oxygen level the greater the risk of eye damage. But the work also showed that a level of 36 per cent oxygen, given when necessary to save the baby's life and only then, is low enough to avoid eye damage."

In a recent sharp scientific reverse physicians discovered that the drug they had thought safest and most effective in combating infection in premature infants held a hidden danger. It was a danger for infants with jaundice, like Baby Smith.

Bacterial and viral infection is an ever-present threat for prematures. Not even full-term babies possess bodily defenses against microbes that produce disease, and prematures are, if possible, even more at the mercy of a floating bug. Thus U. S. doctors were enthusiastic about the ability of a widely used sulfa drug to check infection in these small bodies.

But Dr. Silverman detected that,

when given to the jaundiced babies, the sulfa drug produced brain damage. Analysis showed that the sulfa drug reacted with blood carrying bilirubin in a way that made it possible for the pigment to penetrate the blood-brain barrier—a safeguard devised by nature to protect the brain from toxic substances that might be present in the bloodstream.

The ever-present hazard of brain damage for the premature infant is, however, more than a matter of an unlucky constellation of infection, jaundice and the wrong drug. Whether Baby Smith escapes it will depend on facts about his internal machinery that doctors have not yet thoroughly explored.

How much of an effort must his small heart make to compensate for the diminished ability of his immature lungs to draw in oxygen? How fragile are his blood vessels? Will effort and fragility combine to produce a dangerous pulsing of the vessels of the brain that sometimes causes hemorrhage?

Physicians think such hemorrhage is one of the chief causes of post-natal brain damage. Along with defects of development and inadequate oxygen supply before birth, it accounts for the wide range of losses in motor activity generally described as cerebral palsy. Or, depending on where it occurs, it may blight other powers of the developing brain.

Until recently doctors have not even been able to tell when hemorrhage of the blood vessels of the brain occurs—let alone trying to do anything about it. Now a test devised by Dr. William A. Blanc of Babies Hospital seems to be working well in alerting physicians to this disaster. This is to determine the quantity of red blood cells present in a given blood sample (hematocrit value). A sharp drop may signal a large loss of blood through a blown-out vessel.

"The new micro-techniques of laboratory analysis have made this possible," Dr. Silverman says. "Before laboratory scientists found out how to perform blood diagnostic tests with small samples, we were unable to use this and many other resources for disease detection that are routine for adults. Taking 5 cc. of blood from a premature is like taking 300 cc. from you or me."

Substitute for Time

But why keep track of damaging brain hemorrhage if there's nothing that can be done about it? The unannounced hope now being painstakingly explored in the premature nursery is that—maybe something can be done. If the hematocrit test signals brain bleeding, neurosurgeon Dr. Joseph Ransohoff, in a skillful procedure, punctures the infant's skull and draws off the blood pool that otherwise might mean irreparable brain damage. It is too early to know how successful this remarkable technique will be in forestalling the most tragic consequence of prematurity, but there are great hopes for it.

There are also hopes for ways to lighten the load on the premature's heart and fragile blood vessels.

Says Dr. Silverman: "We are beginning to be able to prove what we have long believed: that much brain damage is not due to defective development before birth, or to accident at birth. To a very large extent, brain damage in the premature infant is caused by events that occur after birth. These are related to an immature respiratory and vascular sys-

tem. Development is the obvious answer to immaturity, and so far growth and maturation have meant time. But we are beginning to see signs that, to some extent, temperature can be substituted for time. . . . This is the hope that underlies our work with the new microclimate."

Men who work to apply every available medical resource to saving the lives of certain infants for whom the risk of serious disability is high are at times asked a grim question: it is worthwhile? Even if the eventual fate of each infant were certain—which it never is—the question ignores what may be the special contribution of medical science to the ethics of our civilization.

For the truth, as Dr. Silverman and others at the front lines of life see it, is this: by coming into the world too soon, the premature infant has rolled back a curtain to reveal some of the hitherto impenetrable mysteries of development before birth. Already, through him, many defects only yesterday thought to be the result of the immutable genes are now known to be caused by environmental accident.

"We are convinced," Dr. Silverman says, "that these are solvable problems. . . ."

James Foundation Aids Hospital Construction

Continued from page one

Foundation of New York, Inc. had authorized a special grant of \$50,000 to be applied to 1958 expenditures on this project.

This makes close to \$1,000,000 which The Presbyterian Hospital has received from the James Foundation over the past 17 years. Yearly grants for current work, starting in 1941 and including one of \$60,000 in May, 1958, have totaled \$942,000.

The James Foundation was incorporated on August 23, 1941, pursuant to the testamentary directions of Arthur Curtiss James, New York financier and philanthropist, who died June 4, 1941.

Dr. Wegria Resigns, Heads Medical School

Dr. René Wégria is beginning the academic year as chairman of the Department of Medicine at St. Louis University. To accept the new post, Dr. Wégria resigned from the Presbyterian staff, of which he has been a member since his appointment as a resident in cardiology in 1943.

The University of Liège Medical School in Belgium awarded Dr. Wégria's M.D., with "grande distinction." He also holds Columbia's Med. Sc. D. During 1957 Dr. Wégria served as visiting professor at Louvain University in the Belgian Congo. Dr. Wégria's distinguished career has been chiefly devoted to investigation of cardiac physiology and he has made notable contributions to our educational program. He is a member of the American Society for Clinical Investigation, the American Physiological Society, the Harvey Society and other societies.



The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 10

NOVEMBER, 1958

Drills Scheduled Soon to Test Emergency Plan

The Hospital's Manual of Emergency Operation Procedure, setting forth complete details of assignments to be followed in the event of a catastrophe requiring emergency handling of 50 or more casualties, is now in effect. The printed manual is in the hands of department heads and supervisors, who will explain it to personnel.

Several announced drills will probably be carried out before the end of the year to test the effectiveness of emergency procedures.

Various plans and procedures of emergency operations had been studied by the Emergency Committee of the Medical Board under the chairmanship of Dr. Stuart W. Cosgriff for the past 10 years. Changing conditions required numerous changes in the plans. The current manual represents the latest thinking of this committee.

Awards and Honors to Medical Center Doctors

Dr. William A. Silverman, director of the Babies Hospital premature nursery, last month received one of two E. Mead Johnson Awards conferred at the annual meeting of the American Academy of Pediatrics in Chicago. This coveted prize, awarded for outstanding investigation aimed at increasing the welfare of children, recognizes Dr. Silverman's contributions in reducing the hazards that follow premature birth. These contributions are based on a research program which has been in operation for nine years in our premature nursery.

Former recipients of E. Mead Johnson Awards are Dr. Hattie E. Alexander, Attending Pediatrician, and Dr. Dorothy H. Ander-

sen, Associate Attending Pathologist.

* * *

To Dr. Jerome P. Webster, Consultant to the Hospital and Professor Emeritus in Clinical Surgery, the American Society of Plastic and Reconstructive Surgery gave its honorary citation for distinguished contributions in this field. The award was given Dr. Webster at a dinner in his honor on October 13 during the Society's annual meeting in Chicago. The citation was made by Dr. S. Milton

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FORD GRANT USED FOR PROJECT

First Two New Elevators In Service



NURSES' AIDE Mary Costigan wheels patient Katherine Charrier (on sick leave from her job in the Hospital Mail Room when picture was taken) onto one of the smooth-riding new elevators.

The first of three "stages" in the initial major project of the Medical Center's extensive reconstruction and modernization program has been completed.

Two shiny, smooth-running new elevators, numbers 5 and 6 on the east side of Presbyterian Hospital's main bank of six, were placed in operation on October 20. They are the first of seven which are being replaced at an estimated cost of \$1,022,000 and 18 months of work.

The elevators are the "push button" type, equipped with self-leveling and other automatic devices designed, when all are finally installed, to insure greatly improved service for patients, visitors and personnel.

Installation of these first two, along with removal of hallway partitions on practically every floor, re-laying of floors and other improvements, comprised the first "stage" of the project. The second stage, replacement of elevators 3 and 4 on the west side of the stem, has now started. The third stage will be replacement of 1 and 2 on this bank and service car No. 8 in

Presbyterian Hospital west.

A \$250,000 grant from the Ford Foundation is paying for nearly 25 per cent of the cost of this project.

This was the money received by The Presbyterian Hospital as one of the recipients of \$500,000,000 in grants announced by the Ford

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THE EYE INSTITUTE'S attractive new six-bed recovery room, now in use, is being inspected above (left to right) Miss Cora L. Shaw, R.N., Assistant Director of Nursing; Executive Vice-President A. J. Binkert, Dr. Gordon M. Bruce, Attending Ophthalmologist, and Dr. Herman Schwartz, Associate Attending Anesthesiologist. Built-in boxes at each bed, for oxygen and other equipment, were especially designed for the room by George Lumley, Maintenance Department chief draftsman.

Let's Remember Child Patients at Christmas

Save a place on your Christmas list for one child in the Hospital—with your help each child will get a gift.

Dress a doll for the Dolls' Tea Party or bring a gift to the Unit Manager's office, Babies Hospital. It's a real satisfaction to help make Christmas a happy day for the children in our wards and clinics.

REPORTERS

Accounting—Helen Hockenberger. *Building and Grounds*—Margaret Muccilli. *Babies Hospital*—Loretta Molzahn. *Chaplain*—Robert B. Reeves, Jr. *Elevators*—John J. Callahan. *DOS*—Mrs. Florence Moore. *Eye Institute*—Helen Meade. *Nursing Service*—Ruth Stratton, R.N.; Mrs. Ethel Collier, P.N.; Mrs. Celeste Maloney (Auxiliary Nursing). *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Mrs. Selma Gale. *Mail & Messenger*—John J. Campbell. *Occupational Therapy*—Elizabeth Scully. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Barbara Mintz (N.I.). *Adelaide Vrooman (B.H.)*. *Telephone*—Mrs. Ann Trainor. *Vanderbilt Clinic*—Barbara Little. *Volunteer*—Laura Vossler.

PHOTO CREDITS: All Medical Center photos in this issue by Elizabeth Wilcox.

Rummage Collected From Benefit Lecture

President Millicent C. McIntosh of Barnard College will be the guest speaker at a benefit lecture sponsored by the Women's Auxiliary of the Presbyterian Hospital on November 5 at the Colony Club. Her timely subject will be "Our Doubling College Population: A Concern for Parents and Grandparents." Mrs. McIntosh is the wife of Dr. Rustin McIntosh, director of the Hospital's Service of Pediatrics.



Mrs. McIntosh

Tickets went to those who had especially donated rummage valued at \$25 or more. Rummage is sold under the auspices of this auxiliary at the Stuyvesant Square Thrift Shop, Third Avenue and 80th Street.

Library Depredations Impair Patient Service

The Milbank Library, which serves both patients and staff and personnel, has had its services to both seriously impaired in recent weeks by both loss and mutilation of valuable reading matter, according to Librarian Selma Gale.

The loss of entire magazines has been reduced by putting them in binders but this has increased mutilation, Mrs. Gale said. Persons wanting such items as recipes tear out all or part of a page, thus ruining an article or story for the next reader. This often happens the same day the periodical is received, before the library has had a chance to circulate it to patients.

Book losses in recent weeks have even included instances where book return boxes have been broken into and the books removed.

Mrs. Gale asks staff and personnel to keep in mind that such depredations contribute to depriving patients of a service which they have every right to expect.

Some Quotes from the Mail Bag...

"For the wonderful care I have received, for the blood donations, the good wishes, the prayers—I wish to express my heart-felt thanks to members of the professional staff, administrative staff, my friends, and members of personnel. I know of many of these fine things done in my behalf; I know there were others done behind the scenes of which I am not fully aware. I am deeply appreciative to one and all."

"In the past two weeks I spent two mornings . . . in the X-ray department at Harkness Pavilion. For the most perfect blend of efficiency, professional attention and courtesy, I do not believe it can be equalled anywhere."

"You get the feeling that of primary importance is medical proficiency, but that patient consideration and good manners are inherently interwoven in the professional fabric."

"I wish to thank PH-5 staff for all they did for my daughter. . . . The nursing care she received was the most skilled. I know how hard they worked. Thank you one and all."

The following letter was received from Marvin W. Kanter, Director, Public Service Division, The Greater New York Fund:

"On behalf of The Greater New York Fund, I would like to thank the employees of your hospital for their recent contribution."

"Our thanks go to them in behalf of the 425 organizations participating in the Fund, whose sole purpose is helping people. You can assure your staff that their gift will do much toward making this necessary help available to our fellow New Yorkers."

Student Nurses Turn Models For a Night

Twenty-six members of the Senior Nursing Class modeled apparel they had made themselves at the "Festival of Fashions," a fashion show presented by the class on October 15 at Maxwell Hall. Their presentations included outdoor outfits, evening gowns, a complete wedding trousseau and a bridal gown and bridesmaid's dress. Ann Dickson, assistant fashion and merchandising editor of *Mademoiselle Magazine* was guest speaker on the topic "Fashions of the Future."

Dr. Atchley is Speaker

Dr. Dana W. Atchley, Medical Consultant to the Hospital and Professor Emeritus, spoke at the Association of American Medical College's Institute for Clinical Teaching on "The Science, Art and Heart of Medicine—a Synthesis of the Objectives of Clinical Teaching." The Institute's annual meeting was held at Swampscott, Massachusetts.

• **RODEO PARTY:** Sixty-four children, patients of the Pediatric and Seizure Clinics, thrilled to the exciting events of the rodeo on October 6. The happy occasion was made possible by the Madison Square Garden Corporation providing the tickets and the Fifth Avenue Coach Lines, Inc. a bus for transporting the children and their escort of 12 adults.

• **NEWCOMERS:** Marie W. Brennan has replaced Pauline Gregorich as employment supervisor in the Personnel Department. Miss Brennan's previous experience included nine years with the U. S. Employment Service in New Jersey and five years with the Dictaphone Corporation as director of placement and training. Miss Gregorich left to become personnel director at the Flower Fifth Avenue Hospital.

Mrs. Janet Furman, formerly with *The New York Times*, has replaced Monte von Rosenberg, as evening assistant to the Director, Volunteer Department. Miss von Rosenberg has gone to Harkness Pavilion Admitting Office.

• **DEPARTURES:** Mrs. Helen Liaskos, secretary to Richard N. Kerst, Assistant Vice-President, left last month after three years with the Hospital to become a full-time housewife.

• **APPOINTMENTS:** John Herring, carpenter, and Elmer Tit, machinist, have been appointed foremen in Maintenance and Construction.

• **RETIREMENTS:** This month include: Mildred Balmain, staff nurse, Mary Harkness Convalescent Home; Helen Javes, floor clerk, Department of Nursing; and Adelphine Liburd, Laundry Department.

• **TRAINEESHIPS:** Dorothy E. Robinson and Dorothy Casper, both of the Sloane Hospital nursing staff, have been awarded Public Health Traineeships. They are enrolled in the graduate program in Maternity Nursing under the Department of Nursing in cooperation with the School of Public Health and Administrative Medicine and Maternity Center Association.

• **TRAVEL:** Doris Miller, secretary, Chaplain's Office, returned from a trip to Texas.

Anne McElroy, Accounting Department, returned from a trip to England, France, Holland, Switzerland, Germany and the World's Fair at Brussels.

Mrs. Elizabeth Morton, R.N., graduate of Johns Hopkins School of Nursing, and former night supervisor of Huntington Hospital in California, returned from a 3½-month trip to England, Ireland, France, Spain and the island of Majorca. She has been around the world by air, visited the South Seas and lived in China for six years. Mrs. Morton is presently a volunteer in Fetal Life and Plastic Surgery.

• **KUDOS:** When Kenneth Rothman, son of Mrs. Dorothy Rothman, Public Interest Department, seeks to realize his 1960 ambition of entering the College of Physicians and Surgeons, some of the honors he has been piling up may be helpful. He ranked first in his class of 264 sophomores at NYU's College of Arts and Sciences, was managing editor of the

class newspaper, is chairman of the Fairchild Sociology Society and is a candidate for a degree with honors in sociology.

• **BEREAVEMENT:** The October *Stethoscope* carried an item about the marriage on August 9 of Virginia Sorby, a 1951 graduate, Nursing, and formerly on the staff of the Mary Harkness Convalescent Home, to Lt. Gilbert S. Murray, U.S.N. While the issue was being printed news was received that Lt. Murray was drowned on September 20 while on a jet plane test flight.

• **ENGAGEMENTS:** Dr. Robert Hart, intern, Dentistry, to Patricia O'Hara, R.N., supervisor, Admitting Emergency.

Carol C. Holmes, nursing student, class of '59, to William H. Wilcoxon, an alumnus of Lafayette College.

• **WEDDINGS:** Ruth Gunter, R.N., assistant director of nursing, Department of Medicine and Surgery, will be married this month to Dr. Edward J. Jurji, Professor of Islamic and Comparative Religion, Princeton Theological Seminary.

• **BIRTHS:** A daughter, Suzanne Mara, was born to Dr. and Mrs. Julius Tarshis. Dr. Tarshis is instructor of orthodontics, Columbia University School of Dental and Oral Surgery.

Mr. and Mrs. Joseph Brennan welcomed their first child, Joseph Eric. Mr. Brennan is in Instrument Repair Service.

Book Sale Nov. 17-28

Bibliophiles will find real bargains at the Milbank Library during a book sale scheduled November 17-28, inclusive. Surprisingly low prices will prevail as Librarian Selma Gale disposes of books on which the library has an excess of duplicates or otherwise finds unsuitable for its purposes.

Three American Physicians Visit Soviet Union, Get Close Look at Progress in Medical Science

Dr. George A. Perera of the Medical Service has returned from a month spent in the Soviet Union as one of three American physicians representing the American Friends Service Committee. The visit was made at the invitation of a union of Soviet societies whose purpose is to establish cultural relations with other countries. The other representatives were: Dr. Joseph Stokes, Jr., chairman, Department of Pediatrics, University of Pennsylvania, and Dr. Samuel E. Corson, Department of Physiology, University of Arkansas.

"The dynamic quality of the Soviet people is impressive," Dr. Perera said. "The rate at which they are making progress in various areas is remarkable. Although some of their scientific work is outstanding, we can remain proud of the close relationship we have established between basic science and clinical investigation, and of our medical teaching methods."

"The problem is not to approach the achievements of another nation in a competitive way, but for the U. S. to maintain and strengthen its own high standards, which include its awareness of moral and spiritual qualities and the dignity of the individual."

Throughout the U.S.S.R., Dr. Perera said, the group was received in a warm and friendly way. They were invited to visit in a number of homes, and no restrictions were placed on their opportunity to observe in detail many aspects of Soviet life—observation aided by Dr. Corson's fluency in the Russian language. They met members of the Supreme Soviet, ministry officials, a number of members of the Academy of Medical Sciences, as well as leading scientists in many fields.

Soviet scientists may make a reciprocal visit here shortly as part of the cultural exchange program.

Awards and Honors to Center's Doctors

Continued from page one

Dupertuis, Dr. Webster's first resident in plastic surgery, and the plaque was presented to him by the Society's President, Dr. Wallace H. Steffensen, who had been both a student and instructor under Dr. Webster in the first twelve-week Army Course in Plastic and Maxillofacial Surgery in 1942.

* * *

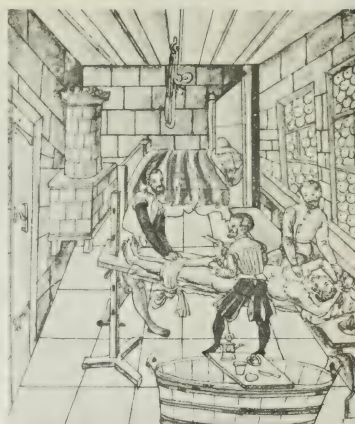
The Massachusetts General Hospital has established the Treadwell Award to be given from time to time to a distinguished alumnus. Dr. Robert F. Loeb, who served as an intern there after his graduation from Harvard Medical School, was named the first recipient.

Dr. Loeb received the award on October 16, the hospital's annual "Ether Day." The day marks the first administration of ether to a patient about to undergo surgery—in 1846 at Massachusetts General by William Morton.

DR. PERERA, left, visits sanitorium for rheumatic children near Moscow.



Anatomia Secundinae Humanae by Nicolaus Hohenk (1632-1678), associated with the valvelike structures in umbilical vessels.



Page from a German manuscript dated 1559, showing tilted position of patient, three centuries before Trendelenburg.

100 MARK PATH OF MEDICAL PIONEERS

Eponyms Explored in Dr. Speert's New Book

How many eponyms have you met?

Chances are, more than you think. Eponyms mark the enterprise of the human mind. Halley's comet, the Ferris wheel, the Geiger counter, all these are eponyms—names "perpetuating the fame of the pioneers who advance civilization's frontiers."

With the fervor that some give to stamps or sea shells, Dr. Harold Speert, a busy obstetrician, collects eponyms. These cluster like dandelions in the medical field, but Dr. Speert (who is also co-author of the widely used *Obstetric Practice*) has bagged many a rarity illuminating the progress of his specialty over the centuries.

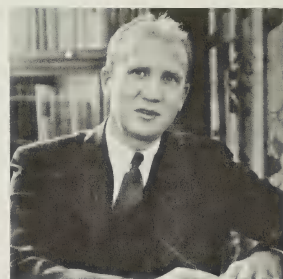
Now handsomely mounted in a 700-page volume, *Obstetric and Gynecologic Milestones*, to be published this month by Macmillan, a culled and burnished part of the collection is on view—essays on 100 obstetrical and gynecological eponyms gathered from the four corners of the earth, many from heretofore untranslated Latin, French, German, Italian, and Russian sources.

Together these compose an engrossing account of how an equivalent number of human minds have penetrated ignorance, superstition and vested misinformation to salvage that rarest of human commodities—a scientific fact.

In displaying his finds, Dr. Speert lets us see them with the eyes of their discoverers: the fallopian tubes, for example, as seen by Gabriele Falloppio, the great 16th century anatomist—"trumpet of the uterus" rising "fibrous and pale" with "end torn and ragged like the fringe of well-worn garments."

But much more than the main highway is covered. Among the byways which the Speert collection irresistibly invites the reader to explore is the story of James Douglas, a sternly rational Scotch obstetrician who got to the bottom of the *cause celebre* that in 1726 rocked the British Isles: the clothier's wife who publicly and repeatedly gave birth to rabbits.

Readers may be surprised to dis-



DR. SPEERT: essayist in eponymy

cover a wider embrace of the scientific spirit later in the same century when countless members of the public at large were so sensible of the merit of Morgagni's work that they left their bodies to him for post-mortem examination.

Moving leisurely down the years, Dr. Speert conducts us through the bustling 19th century where we meet a rare eponymic *genus*—the city-named "Manchester operation," as well as the "intrigue, calumny, and vituperation associated with the search for the neural apparatus of the human uterus," and such medical horrors as the introduction of pelvic peritonitis as a treatment for uterine prolapse. Here, too, stand the immortal slave girls, Anarcha, Betsy and Lucy, whose endurance permitted J. Marion Sims, the "father of American gynecology" to perfect a procedure that rescued afflicted women from one of the most dismal fates in medical annals, a constantly leaking bladder.

Many who have tired of medical history will be grateful for the extent to which eponymy, as unrolled by Dr. Speert, replaces the dusty smell of the library with something more like that of after-dinner brandy.

The Gift of Sight

Although an eye bank has been established at this Hospital, there is a great shortage of the eye tissues needed for several kinds of eye repairs. Many whose vision might be restored are sightless for lack of such materials.

The gift of sight might be bequeathed to many who are now blind by those willing to have their eyes used after death. Readers who may wish to give their eyes after death may obtain a document for this purpose by writing to the Eye Bank, the Institute of Ophthalmology.

First 2 New Elevators Placed In Service

Continued from page one

Foundation on December 12, 1955, \$200,000,000 of which was for voluntary hospitals "to enable the Hospital to improve and extend its services to the public." More than 3,200 hospitals received grants, with \$250,000 the maximum single allocation, these amounts being based on (1) patient days of service provided and (2) number of births.

The Ford Foundation was incorporated in 1936 "to receive and administer funds for scientific, educational and charitable purposes, all for the public welfare."

The Hospital is deeply appreciative of the Foundation's part in this improvement of physical facilities for the care of its patients.

Doings of Doctors . . .

Dr. James B. Campbell, Service of Neurological Surgery, was one of 31 passengers on the first trans-Atlantic jet transport plane. With no vibration or noise, the Rolls-Royce engined jet provided a more restful trip than piston-driven planes, Dr. Campbell said. The London to New York trip took 10 hours, 20 minutes.

Artists: Prepare Now For Window Contest

All Medical Center staff and personnel with an artistic bent are reminded that it is not too early to start thinking now about the "murals" they will want to enter in this year's Christmas Window Contest.

The Medical Center Art Committee met October 15 and made plans for the contest. It was decided that entries will close December 17, with announcement of prize-winning windows on the 22nd. Entry blanks will be available December 1 at all points where *Stethoscope* is distributed, on bulletin boards, at nurses' stations and at Public Interest, PH 4-30. No entry can be eligible for a prize unless this blank is filled in and delivered to Public Interest by December 17.

Light Beam Hotter than Sun Used for Eye Repair

Our eye surgeons are using a beam of light four times as hot as the sun to repair minute tears in the retina of the eye. If uncorrected, such tears usually cause the retina (light-absorbent cells of the eye) to detach from its nourishing blood vessel background. U. S. eye doctors see about 5,000 cases of retinal detachment every year, some where the area of detachment is large enough to have destroyed vision.

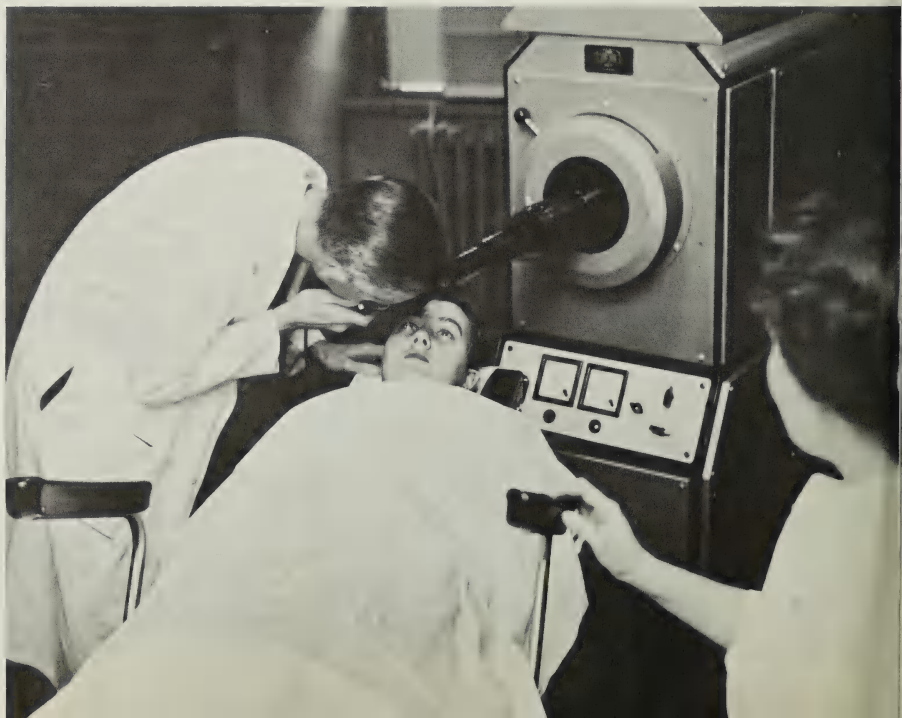
The light is produced by a \$12,000 Zeiss-made instrument just acquired by our Institute of Ophthalmology. Light emitted by the super-arc-lamp center of the instrument is condensed by a series of lenses and emerges as a narrow beam. This powerful point of light is targeted into an anesthetized eye by the surgeon. The transparent lens of the eye further concentrates the beam of light to produce a $\frac{1}{2}$ mm. burn alongside the retinal tear. A circle of such minute cauterizations causes the blood vessel tissue back of the retina to emit an adhesive fluid creating a seal.

By preventing retinal detachment, this new technique may, in many cases, substitute for surgical repair, which is the only way of treating detachment once it occurs.

Dr. G. Meyer-Schwickerath of Bonn, who invented the instrument, visited the Medical Center last month to confer with staff members of the Institute about other possible uses. These include removal of certain tumors of the eye and cauterization of hemorrhaging blood vessels. Only two other such instruments are in use in the U. S.



EYE BANK recently organized at our Institute of Ophthalmology stores both vitreous and corneas under refrigeration for use as replacements in eye surgery. Research has shown that surgical correction of retinal detachment should include replacement of the vitreous fluid, which lies like a transparent pillow in front of the retina.





The Stethoscope

NEWS of the COLUMBIA-PRESBYTERIAN MEDICAL CENTER

VOLUME XIII, NUMBER 11

DECEMBER, 1958

To Our Staff and Personnel:

This year marks the 90th year of Presbyterian Hospital and the 30th Christmas to be observed at the Columbia-Presbyterian Medical Center. These have been very fruitful years, marked with consequential advances in medical science and the care and treatment of the sick. You can be proud of the reputation established through your faithful and dedicated service. So at this season of the year, let me thank you and wish you a very Merry Christmas.

A. J. Binckert
Executive Vice President

Center's Christmas Plans All Completed

Christmas was in the air throughout the Medical Center with the beginning of December.

Most of the parties and special entertainments for patients were ready scheduled and the various religious and musical programs, coordinated by Chaplain Robert B. Reeves, Jr., had been booked. (See Calendar on page 2.) The House-keeping and Maintenance departments were getting decorations and lights out of storage and making necessary repairs and additions.

The Hospital Christmas Committee, with Miss Grace M. Robles serving as acting chairman, met October 30. Unit managers and others who attended were advised that trees, wreaths and other decorations will be delivered to floors on December 18. Arrangements were made for the Nursing Department to provide gifts for patients who will be in the wards on Christmas.

All inquiries from business places or individuals who wish to donate Christmas gifts should be referred to the Unit Manager's Office, Babies Hospital.

SEES MOON ROCKET FIRED

As a member of the National Science Board, Dr. Robert F. Loeb, director, Service of Medicine, watched the Air Force aim its three-stage-rocket to the moon last month from Cape Canaveral, Florida.

GROWTH NECESSITATED MOVE HERE IN 1929

Babies Hospital Has 147,500 Admissions in 70 Years



"LOOKING for Santa Claus. Christmas Party, 1926," was the caption under this picture in the Babies Hospital 1926 Annual Report.

At the end of this year, its 70th, Babies Hospital will have had a total of approximately 147,500 admissions.

These were patients, from infancy to age 13, admitted to hospital beds. It is impossible to arrive at an accurate total of out-patients but the growth of this department is indicated by the daily average. When it began in 1891 the average was 47; this year it was running at 174.

The increased facilities and subsequent growth resulting from the Babies Hospital move to the Medical Center in 1929 are partially reflected in the admission figures. Through December 31, 1928, they totalled 40,518, an average of 1,013 a year. At the Medical Center they had amounted to 102,094 at the end of last year. Annual admissions in recent years have been at just under or slightly over 5,000. Until 1929, the vast majority of patients admitted were under three years of age. After 1929, the admission of children up to age 13 became fixed policy.

World-famous in its field for many years even before it became a part of this great Medical Center

Continued on page four

Famed Hospital Observes Anniversary

Since Christmas is the biggest day of the year for children, this December issue of *Stethoscope* is an appropriate time to review some of the history and accomplishments of a great hospital long identified with the care of sick children.

Babies Hospital this year will be observing its 70th Christmas; the Medical Center as a whole will be celebrating its 30th.

Thus it is fitting that the greater part of this issue be given over to a partial record covering three score and ten years in the activities of that hospital founded in 1887 (although actual patient care did not begin until 1888) and offer some idea of how it has met its avowed purpose: "To provide medical and surgical aid and nursing for sick babies."

Space limitations permit coverage of only some of the highlights in

Continued on page four



THIS WAS Santa's visit to Babies Hospital last year.

Work Is Under Way To Enlarge Cafeteria

The recent blasting and the current excavating in the Hospital garden along the south side of the main floor cafeteria marked the beginning of the work of enlarging the cafeteria. This is the first stage of the over-all project of installing a centralized patient tray service.

This building extension includes both the basement and main floor areas and when completed will give the cafeteria approximately 2,100 additional square feet of space. An additional serving line will then be installed, after which the present basement employee cafeteria will be discontinued and converted into the central area for assembling of patient trays. Under this system, food is placed in individual heated dishes, then transported on carts direct to patients.

Both this project and the en-

Continued on page six

REPORTERS

Accounting—Helen Hockenberger. *Building and Grounds*—Margaret Muccilli. *Babies Hospital*—Loretta Molzahn. *Chaplain*—Robert B. Reeves, Jr. *Elevators*—John J. Callahan. *DOS*—Mrs. Florence Moore. *Eye Institute*—Helen Meade. *Nursing Service*—Jean MacDermid, R.N.; Mrs. Kathryn Petruschek, R.N.; Mrs. Grace Balke (Auxiliary Nursing). *Housekeeping*—Rosina Wallace. *Laundry*—Mary Minsky. *Library*—Mrs. Selma Gale. *Mail & Messenger*—John J. Campbell. *Occupational Therapy*—Elizabeth Scully. *Protective*—Edwin H. Behlmer. *Purchasing*—Gerard Walker. *Record*—Marion R. Trilling. *Social Service*—Barbara Mintz (N.I.), Adelaide Vrooman (B.H.). *Telephone*—Mrs. Ann Traino. *Vanderbilt Clinic*—Barbara Little. *Volunteer*—Laura Vossler.

Art Group Learns About Mask Making



Members and guests of the Medical Center Art Association enjoyed an interesting demonstration and learned some of the intricate tricks of mask making at a program meeting held on the evening of November 11.

Guest speaker was Prof. Ettore Salvatore, member of the faculty of Columbia's Department of Art. Working with plaster of Paris with Miss Rose Marie Kirkwood, of the Public Interest Department, as his "subject," Prof. Salvatore molded a mask as the audience watched, explaining the various steps and answering questions about the process as he went along. He then produced a finished mask of Miss Kirkwood's face, made at a previous sitting, and displayed others which had been molded on both live subjects and as death masks.

Besides a program feature of interest, these meetings of the association provide members with a pleasant social interlude. At the November meeting, coffee was served by Miss Marion Cleveland, R.N. and Miss Cecile Covell, R.N. Members of the Medical Center family who wish to join the group should contact Chaplain Robert B. Reeves, Jr., its president.

Library Open Longer

Primarily for the benefit of night duty staff and personnel, Librarian Selma Gale has initiated a service of having the Milbank Library open on Monday evenings, from 6:30 until 8:30. This added service was made possible through the help of two young women volunteers who are staffing the Library for that period.

STETHOSCOPIA

• **APPOINTMENTS:** *Miss Mary E. Windrow*, R.N., graduate of the School of Nursing, has been appointed Assistant Director of Nursing, Medicine and Surgery, and Assistant Professor of Nursing. Miss Windrow's former post, Administrative Assistant, has been assumed by Mrs. Marilyn J. Hamel, R.N., also a graduate of the School of Nursing. Mrs. Hamel has been succeeded by Miss Mildred Healy, R.N., as head nurse, Urological Service.

Miss Laura Vossler, director of the Volunteer Department, has been appointed for another two years as a member of the Council on Hospital Auxiliaries of the American Hospital Association. In this connection, she recently attended meetings at Lake Placid, Washington and Chicago.

• **ENGAGEMENT:** *Stephen L. Wanger*, 2nd year medical student, College of Physicians and Surgeons, to Nancy J. Kushlan, a senior at Connecticut College.

• **WEDDINGS:** *Corinne McGhee*, Patients' Accounts, was married last month to Joseph McDermott.

Jacqueline Arndt, daughter of Mrs. Julia Arndt, Credit Department, married Thomas Turner, formerly with the Paymaster's Department.

Jane Parsons, staff nurse, Harkness Pavilion, married Wayne Muchmore. The couple will reside in Florida.

Jean Farnum, staff nurse, Presbyterian Hospital, married Robert A. Freeman. They will reside in Waterbury, Connecticut.

Kristin Anne Cobb, R.N., Sloane Hospital, married William Troost.

• **BIRTHS:** *Dr. Virginia and Dr. Leo F. J. Wilking, Jr.*, are the proud parents of twins born in Harkness Pavilion. There are three other children in the Wilking household.

• **RETIREMENTS:** This month include: *Eskil Anderson*, Physical Therapist, employed at the Medical Center in 1928; *Anthony Dator*, Electrician, Maintenance and Construction, 1942; and *Irene McClosky*, Clerk, Department of Nursing, 1953.

• **DEPARTURE:** *Miss Julia Badalamenti*, practical nurse, Admitting Emergency, Vanderbilt Clinic, left last month after 12 years of service. Miss Badalamenti plans to go into private duty nursing.

Christmas Calendar

Parties:

CEREBRAL PALSY child patients' party in Doctors' Dining Room, Dec. 14 at 2 p.m.
ORTHOPEDIC CHILD PATIENTS' party, on BH-5, Dec. 16, 2 p.m.
PEDIATRIC CLINIC party for child out-patients of all services, in VC-4 playroom, Dec. 18, 2:30 p.m.
MARY HARKNESS CONVALESCENT HOME party, sponsored by the Home's Auxiliary, Dec. 18, 6 p.m.
DOLLS' TEA PARTY, with display of dolls to be given to child patients on Christmas, in BH Board Room, Dec. 22, 3:30 p.m.
BABIES HOSPITAL party for in-patients, in Recreational Therapy, BH-12, Dec. 23, 10:15 a.m.

Special Religious and Musical Events:

STUDENT NURSES' GLEE CLUB Christmas Concert, in Maxwell Hall, Dec. 15, 8:15 p.m.
CANDLELIGHT VESPER SERVICE, conducted by P & S Club, in the Chapel, Dec. 17, 5:15 p.m.

In the Wards:

OCCUPATIONAL THERAPY students, caroling in wards, Dec. 15, 4 p.m., and Dec. 17, 2 p.m.
CAROL SINGING in wards by wives of 3rd Year medical students, Dec. 15, 7 p.m.
JUNIOR LEAGUE OF NEW YORK QUARTET, caroling in wards, Dec. 17, 2:30 p.m.
STROLLING MINSTREL SAM HOLLANDER, singing in wards, Dec. 18, 7 p.m.
FIFTH AVENUE PRESBYTERIAN CHURCH CAROLERS, in wards, Dec. 19, 7 p.m.
DOCTORS AND NURSES in candlelight procession, singing in wards, Dec. 24, 7:30 p.m.
SANTA CLAUS will visit patients, young and old, on Christmas morning.

Special Christmas Music over Bedside Radio System (Ch. 1):

CHRISTMAS organ, bell and choral music, daily from Dec. 15, 11 a.m.-1 p.m. and 3-4:30 p.m.
ST. MATTHEW'S LUTHERAN CHURCH CHORISTERS, Dec. 16, 4:30 p.m.
KIP'S BAY BOYS' CLUB CHORUS, Dec. 19, 5 p.m.
INDUSTRIAL HOME FOR THE BLIND CHORUS, Dec. 22, 7 p.m.
EQUITABLE LIFE CHORUS, Dec. 23, 6 p.m.

Christmas Day Religious Services in Chapel:

ROMAN CATHOLIC MASS, 7 a.m.
PROTESTANT SERVICE with Holy Communion, 10:30 a.m.

• **TRAVEL:** *Miss Catherine MacLean*, Assistant to the Registrar, Nursing Department, returned last month from a two-weeks trip to the British West Indies and Cuba.
• **ANNIVERSARY:** *Alice and Thomas McClure* celebrated their 35th wedding anniversary with a dinner party last month. Mrs. McClure is a nurses' aide, DPPO, Harkness Pavilion, and Mr. McClure is a house-boy and messenger for Maxwell Hall.

From the Mail Bag . . .

"Everyone on Harkness 7—the medical and nursing staffs, the floor secretary, the dietitians, the nurses' aides, the other employees . . . each added a part to the complete atmosphere of healing . . . especially I mention the two special nurses who actually thought for me, anticipating my every need, adding a touch of compassion to those hours right after surgery."

☆ ☆ ☆

"I was a patient in Neurological Institute's 4 East and was greatly impressed with the unusual cooperation shown between all personnel, doctors, nurses, Social Service workers, therapists, clerks, nurses' aides, and many others. A patient has a secure feeling, knowing that the people who are responsible for his well-being are working in such close harmony."

☆ ☆ ☆

"To be a patient in the Harkness Pavilion is a privilege. The courtesy and the perfect care is far beyond one of duty."

Mail Room Requests

Yule Mail Cooperation

Anticipating the usual holiday rush in the Mail Room, Supervisor John Campbell requests all possible cooperation from staff and personnel. Christmas cards to Medical Center friends should be mailed to home addresses if at all possible; but if you must use a Hospital address, make sure that it includes the department.

Recreation Floor of Babies Hospital Always an Exciting Place at Christmas

One of the most interesting places in Babies Hospital is the Recreational Therapy department on the 12th floor. The visitor there obtains a warm feeling within moments by observing the enjoyment of the recuperating child patients as they go about their games, play with the toys, or work in the shops, fashioning or decorating some article with busy if somewhat amateurish little hands.

The floor takes on an added excitement at Christmas time. It will be gayly decorated, there will be parties and carol singing, entertainments, and the anticipation of a visit, a few days before Christmas, from Santa Claus—with gifts for all.

Christmas has always been an exciting time in Babies Hospital. Reading through the old annual reports going back almost 70

Candlelight Vesper Service on Dec. 17

This year's Christmas Vesper Service, conducted under auspices of the P & S Club of the College of Physicians and Surgeons and always one of the most impressive programs of the holiday season at the Medical Center, has been scheduled for December 17 at 5:15 p.m. in The Pauline A. Hartford Memorial Chapel.

Traditionally, this includes a Christmas sermon by a well-known clergyman and the candlelight procession and singing by the P & S Choir of some 50 voices, made up by medical students, student nurses and other staff and personnel.

The brief sermon will be given by the Rev. David H. G. Read, pastor of the Madison Avenue Presbyterian Church. The scripture reading will be by Dr. Aura E. Severinghaus, Associate Dean, College of Physicians and Surgeons. Other participating will include the Rev. Edwin M. Barton, director of the club; Chaplain Robert B. Reeves, Jr.; Richard D. Anderson '60, choir director; and Douglas S. Holsclaw '60, organist. Robert C. K. Riggins '60 is this year's Vespers Committee chairman.

The club has also announced speakers for two other Wednesday vesper services—the Rev. Bertram de Heus Atwood, pastor of the First Presbyterian Church of Englewood, N. J., on December 3; and the Rev. Robert J. McCracken, pastor of the Riverside Church, on December 10.

Christmas carols and bell music will be included on Channel 1 broadcasts starting December 15. Christmas Day services in the Chapel will be the Roman Catholic Mass at 7 a.m. and the Protestant Holy Communion Service at 10:30 a.m.

Patients desiring to attend any of the worship services in the Chapel should obtain their doctor's permission and ask a nurse to call the Chaplain's Office for an escort as much ahead of time as possible. Hospital attire is customary.

years, one finds fascinating accounts of how it was observed and how the youngsters, both those in the hospital and the out-patients, were not forgotten. There was, for instance, this mention in the 1903 report:

"Last Christmas, Mrs. J. S. Hoyt asked the doctor to collect eight of the most needy children and bring them to her house for a Christmas party. Some desperately poor children were chosen and taken to Mrs. Hoyt's own home, where her little boys exhibited a wonderful tree and gave the children presents and a feast such as they had never dreamed of. They were surely the happiest children in all New York."

One Christmas tradition at the hospital, started some three decades ago, is the Dolls' Tea Party. Initiated by the hospital's Board of Women Managers and now shared by some of its friends, this brings in more than 100 dolls for a striking display before they become gifts for child patients. The ladies design and sew a wide variety of beautiful costumes for the dolls before they are assembled for the "Tea Party." It will take place this year on December 22.

Many of the toys collected for distribution to the children in Babies Hospital for the past eight years have been due to the celebrants at the annual yuletide party of the School of Dental and Oral Surgery. Each person attending the party is supposed to bring a gift for a child patient.

If you wish to contribute to a child's happiness this year, you still have time to leave your gift at the Babies Hospital unit manager's office.

Institute of Nutrition Begins Studies Here

Columbia's newly organized Institute of Nutrition Sciences has joined the scientific resources of the Medical Center. Dr. William H. Sebrell, Jr., former director, National Institutes of Health, heads the Institute and former President Herbert Hoover is honorary chairman of the board.

A graduate school to train experts in combating malnutrition the world over, the Institute is also undertaking a research program including controlled metabolic studies of patients with diabetes, hypercholesterolemia, and other conditions of nutritional interest; actual field surveys in the world's underdeveloped areas; and basic biochemical and animal research.

Knights Templar Grant Received Here



Dr. John H. Dunnington, Director, Service of Ophthalmology, is receiving a \$10,000 check from Walter A. DeLamater, executive director of the Knights Templar Eye Foundation, Inc., in the above picture. This grant is for research work in the Institute of Ophthalmology. With headquarters at Rhinebeck, N. Y., the Founda-

tion functions throughout the country in its project for research and treatment of diseases and injuries to the eye, under sponsorship of the Grand Encampment of Knights Templar of the United States of America. Dr. Dunnington is one of seven ophthalmologists who serve as an advisory board to the Foundation.

Doings of Doctors ...

Dr. Meyer M. Melicow, Service of Urology, read a paper on "Cancer of the Urinary Bladder" at the Fourth Congress of Urology, held in Tel Aviv, Israel. During the same trip he lectured on "Tumors of the Adrenal Cortex and Medulla" at the University of Madrid Medical School and was made an Honorary Professor of Urology at that institution. He also visited the Chester Beatty Cancer Clinic in London.

Dr. Gordon Bruce, Service of Ophthalmology, was reelected chairman of the American Board of Ophthalmology at its recent meeting in Chicago. Dr. Bruce gave the principal address at the installation of a chapter of Alpha Omega Alpha at Dalhousie University, Halifax.

Dr. John R. Hogness, former intern and assistant resident, Service of Medicine, has been named medical director of the new University of Washington Hospital. Dr. Hogness, who left the Medical Center in 1950, has since 1951 been a member of the clinical staff of the University of Washington's School of Medicine.

Dr. David Rittenberg, Department of Biochemistry, College of Physicians and Surgeons, was one of five recipients of the 1958 Townsend Harris Medal for distinguished postgraduate achievement.

Dr. Landrum B. Shettles, assistant attending obstetrician and gynecologist, recently returned after attending the 32nd German Gynecological Congress at Frankfurt. Dr. Shettles

had an exhibit and gave a paper on "Early Human Development."

Dr. A. David Gurewitsch, Service of Physical Medicine and Rehabilitation, spoke recently on "Medical Care in the Soviet Union" before members and guests of the Englewood, N. J. Junior League.

Christmas 'Murals' May Be Started Early

With entry blanks now available and a central point set up for obtaining their supplies, the Medical Center's art-minded staff and personnel who annually make a colorful contribution to its Christmas festivities with their "murals" on such places as windows, door panels and glass partitions can get off to an early start.

The Medical Center Art Committee, at a recent meeting to plan for the 1958 Christmas Window Contest, set December 17 as the final date for entries. One portion of the blank must be delivered to Public Interest, PH 4-30, not later than 5 p.m. on that date; the other portion must be attached to the entry itself. No work can be judged for prizes unless this one rule is followed.

Water colors for the painting of windows may be obtained from Miss Elizabeth Scully in the Occupational Therapy Department, Vanderbilt Clinic, 3-218.

Judging will be completed in time for awarding of prizes on December 22. Five "first" and five "second" prize winners will receive boxes of candy and appropriate ribboned rosettes, carrying the wording "1958 Christmas Art," will go to these ten and ten additional "honorable mentions."

Miss Cecile Covell, R.N. was reelected chairman of the Art Committee for a second term.

Hospital Underwent Both Financial Woes and Growth Pains During Formative Years

Continued from page one

ter, the hospital was at an innovation at its inception. At that time only 27 out of 10,000 New York hospital beds were devoted to the care of children under age one. No institution in the United States existed for that work alone and less than half a dozen general hospitals in the country had wards for infants.

The founders and the medical staff of the new Babies Hospital had few precedents to follow, practically no previous experience for guidance.

Considering the difficulties which had to be surmounted during its first few years, the fact that the hospital survived at all is a tribute to the determination and indomitable spirit of its founders.

With Mrs. Andrew H. Smith, Mrs. Thomas E. Satterthwaite, Dr. Sarah J. McNutt, Dr. Julia G. McNutt and Mrs. James Lenox Banks as incorporators, the hospital was incorporated on June 23, 1887. But the first of many tribulations delayed actual opening of the hospital until a year later. Work had scarcely begun on converting a house which the ladies had purchased, located at Lexington Avenue and 45th Street, when neighbors began resisting the plan to start a hospital in their midst. They succeeded in obtaining an injunction and this property had to be sold, at a loss of \$5,000.

In June, 1888, Babies Hospital began taking patients in a house on East 36th Street, rented from the Training School for Nurses of the Post-Graduate Medical School and Hospital. In its limited space there was room for only eight patient beds.

In May, 1889, Post-Graduate needed to reclaim its house. Babies Hospital had no home and little money. Its two pediatricians, the Drs. McNutt, resigned. The all-women Board of Managers seriously considered abandoning the entire enterprise, but the faith and zeal of Mrs. Smith and a few others prevailed. Operations were continued that summer in a rented house at Oceanic, New Jersey. (See separate story on this "Summer Branch," page 5.)

New Home Brought Big Debt

In October the ladies purchased a house at Lexington Avenue and 55th Street. These were lean years for the struggling new hospital. The house cost \$53,000 but the ladies could pay only \$13,000 down. Meeting the notes on the remainder required valiant efforts. The annual report for 1892 mentions that at one point in the preceding years the treasury was down to \$8. But the report added:

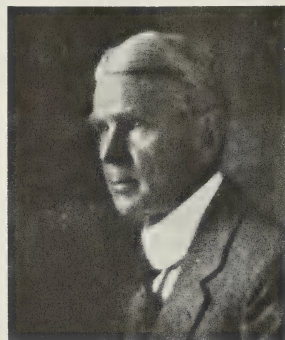
"Many touching instances have come to our knowledge, showing how the Babies Hospital appeals to all classes. A mission school, whose inmates come from one of our poorest tenement house districts, sent last year forty pounds of pennies. A group of little boys and girls in the mountains of Arkansas sent some little clothes made by themselves and promise a dollar . . . Many sacred memories are woven into the warp and woof of our Hospital work."

Dr. Holt Contributed Greatly to Archives

Much of the published data related to the early years of Babies Hospital is attributable to the facile pen of Dr. Emmett Holt, who served it from its inception in 1888 until 1922.

Dr. Holt was the hospital's only attending physician during its first year. He remained in that capacity until 1916 and from 1898 through 1915 was also secretary of the hospital's medical board. He was its physician-in-chief from 1916 until 1922, when he left to make a study of pediatric conditions in China. He did not return, as he died in 1924.

From 1888 through 1921 Dr. Holt compiled and signed all of the medical reports in the hospital's annual



Dr. Emmett Holt

reports. His other writings included a book entitled "The Care and Feeding of Children" with a sub-title explaining it was "A Catechism for the Use of Mothers and Children's Nurses." The preface stated the book was written primarily as a "simple manual" for the students in the School for Nursery Maids, started in 1890. It consisted of questions which these students or mothers might ask and Dr. Holt's answers to them.

It was published in 1894, with revised and enlarged reprintings in 1910 and 1920. In the back, the publisher, D. Appleton & Co., listed some of its other books then current, with brief summaries of what they were about. A number of these were in the field of health and hygiene. The title and summary of one of these read: "Women, Plumbers and Doctors; or, Household Sanitation. By Mrs. H. M. Plunkett. Showing that, if women and plumbers do their whole sanitary duty, there will be comparatively little occasion for the services of the doctors."

In 1892 a special appeal was attached to the annual report which read: "At the moment we are about a thousand dollars behindhand and we appeal to our kind patrons to send their subscriptions and donations for 1892 as soon as possible. One mortgage of \$15,000 will fall due next October, and we have on hand only



Dr. Rustin McIntosh

\$2,230 towards that. Can you help us with this?"

During this period of financial stress the hospital was also beset by growing pains. The house at 657 Lexington Avenue had space for only 20 patient beds and the need for more room was almost immediately obvious, especially after the hospital started an out-patient department in 1891. In his medical report section of the 1892 annual report, Dr. L. Emmett Holt said, "The greatest need of the Institution can be told in two words, 'more room.' A Hospital of twice the size of ours would not be equal to the needs of this city."

Leasing of the adjoining house, 659 Lexington Avenue, was negotiated in the spring of 1894, and when they were connected the hospital had a bed capacity of 35. Within the next year substantial gifts amounting to more than \$45,000 enabled the hospital to pay off the mortgage on the first house and purchase the second.

The inadequacy of the combined houses was soon apparent and in 1900 a campaign was conducted to raise funds for an entirely new building. A gift of \$50,000 from John D. Rockefeller made it possible to secure \$200,000 for the building and equipment. A curtailed operation was carried on in quarters provided by the Nursery and Child's Hospital, Lexington Avenue and 50th Street, while the new structure was erected on the site of the two old buildings.

The new hospital was ready for occupancy in September, 1902. Eight and a half stories high, it provided for eight wards and 68 beds. It was equipped with all of the then known facilities for a modern hospital and, with a 1910 addition, built on the site of an adjoining house acquired in 1905, was the hospital's home until the move to the Medical Center.

The hospital takes justifiable pride in its long record, from its inception until the present, of its medical staff



Dr. Herbert Wilcox

McIntosh 'Bulletins' Still Good Reading

Research into the history of such an institution as Babies Hospital turns up some odd bits of memorabilia which deserve a better fate than remaining hidden and forgotten on a shelf in a bookcase or closet.

One such item is the "Babies Hospital News Bulletin," the World War II mimeographed newsletter which Dr. Rustin McIntosh compiled and edited for the benefit of Babies Hospital staff and personnel who were serving in the armed forces.

With the able assistance of his departmental secretary, Mrs. Esther V. Stone, Dr. McIntosh put out 15 issues of the paper between May, 1943 and November, 1945. With a writing style ranging from profound editorial comment to gossip-column type tidbits, Editor McIntosh gave his readers news of home happenings and they, in their letters—which he excerpted and printed—told about themselves. Many of the letters were from the hottest fronts of global warfare and provided exciting reading.

Single-spaced on 11 x 8½" paper and running from seven to fourteen pages an issue, the "Bulletins" were packed with news, comment and names and addresses which must have delighted the scores of doctors and others who were getting their mail in such faraway places as Pacific atolls and North African base hospitals.

Several of those whose letters were quoted came back to Babies after the war. (Aside to those who enjoy nostalgic reading: The erstwhile Editor has a complete set of the "Bulletins.")

having been directed or instructed by many of the most notable figures in the field of pediatrics.

Dr. Holt became what would now be termed director (this title was not

Continued on page five

Famed Hospital Observes Anniversary

Continued from page one

these pages. It is hoped, however, that our readers will get some inkling of those accomplishments. Perhaps this limited effort may inspire someone (preferably one of the several persons whose connection with Babies Hospital goes back for a quarter century or more) to write its complete history.

There is a wealth of material. Much of that used here was gleaned from the fascinating old Annual Reports, a complete set of which is zealously guarded by Miss Elizabeth Callahan, the hospital's unit manager. *Stethoscope* owes a vote of thanks to several persons, but particularly to Miss Callahan, Dr. Rustin McIntosh and Miss Marjorie Peto, for the material which formed the basis of the Babies Hospital articles to be found in this issue.

Many Leaders in Field of Pediatrics Received Training Under Dr. Holt

Continued from page four
used until many years later) in 1889. By the turn of the century he had written an important textbook on pediatrics and when he became Professor of Pediatrics at Columbia's College of Physicians and Surgeons in 1901 he was regarded as the outstanding physician in that field in the state. He was among the first pediatricians to evidence responsibility for aspects of child care other than medical attention, concerning himself with analysis of milk and other foods, diagnostic tests for tuberculosis, ventilation and other living conditions.

Many who worked under Dr. Holt became leaders in pediatrics. These included—and only a few can be named here—Dr. John Howland, who took charge of the country's first full-time department of pediatrics at Johns Hopkins in 1912; Dr. Howard H. Mason, an important figure on the Pediatric Service of Presbyterian Hospital for many years, still serving it as a consultant; Dr. Frederick H. Bartlett, author of a popular text on feeding and growth; and Dr. Herbert B. Wilcox, Professor of Pediatrics at P. and S. and director of Babies Hospital from 1924 to 1932. It was under his direction that the difficult task of closing down the old hospital and the move to the new one at the Medical Center was carried out.

Dr. McIntosh One of 'Holt's Boys'

This preeminence in leadership was maintained when another of "Holt's boys," Dr. Rustin McIntosh, was appointed to the Carpenter Chair of Pediatrics at P. and S. and director of Babies Hospital in 1932. A 1918 graduate of Harvard Medical School, Dr. McIntosh was intern and then resident under Dr. Holt. When he was being considered for nomination to the Attending Staff of Babies Hospital in 1923, Dr. Holt wrote from China: "The appointment of Dr. McIntosh meets with my cordial approval. . . . By all odds he is the most promising man for future advancement."

Dr. Holt's son, Dr. L. Emmett Holt, Jr., served his internship at Babies Hospital before moving to Johns Hopkins to undertake research under Dr. Howland. From 1930 on, the younger Dr. Holt and Dr. McIntosh have collaborated in editing Dr. Holt, Sr.'s original textbook and keeping it up to date. Originally entitled "Diseases of Infancy and Childhood," this well-known text has been piloted through twelve editions over a span of some 60 years and has held its position continuously as one of the best in the field. Dr. Holt, Jr., now directs the Children's Division of Bellevue Hospital.

The tradition of giving the best possible instruction to medical students was initiated by Dr. Holt almost from the beginning. Babies Hospital was the first to offer a weekly clinic in the medical care of children through ward observations, and as early as 1889 practicing physicians from near-by states joined those in New York in attending these instructive rounds. In 1900 the hospital and P. and S. effected an agreement for the latter's medical students to receive bedside teaching in pediatrics. This was the first opportunity given in New York City for students

to study children's diseases on a large scale outside of the classroom. Since that initial experiment every doctor graduated by P. and S. has had some portion of his pediatric training in Babies Hospital.

Growth Necessitated Final Move

Within two decades of the opening of its "modern" building in 1902, it was clearly evident that the hospital had once more outgrown its facilities and required more space. Negotiations were begun which culminated on November 11, 1925, in an agreement that the institution would join the Medical Center. Presbyterian Hospital deeded over at no charge two parcels of land at 167th Street and Broadway for Babies Hospital's new home.

The 12-story building erected there, opened in June, 1929, gave the hospital for the first time in its history a fully rounded unit of medical knowledge, skill, training and equipment.

Expansion since the move here has gone forward so that today every branch of pediatrics receives a full measure of attention. Several hospital services function within Babies Hospital, including Medical, Surgical, Premature, Urological, Otolaryngology, Plastic and Maxillo Facial Surgery, and Neurological. One entire floor (5th) is taken up by the New York Orthopedic Hospital.

Several departments carry on extensive work there—Radiology, Nursing, Recreational Therapy, Photography, Dietetics, Microbiology, and Pathology. Special laboratories which conduct important investigations include Chemistry, Endocrinology, Hematology, Cardiology, Cystic Fibrosis and Nephrosis Research.

Total capacity of the hospital is 196 beds. One floor, the 11th, is for private and semi-private patients; other patient floors—4, 9 and 10—have both ward and semi-private facilities. The 12th has both outdoor and indoor playrooms for convalescent children, as well as a schoolroom which comes under the supervision of the city's public school system.

In Memoriam

Dr. Irving J. Sands, a neurologist and psychiatrist and a leader in medical education, died October 22 at the age of 67. At his death he was a consulting neurologist at Neurological Institute and several other hospitals.

Dr. Sands was graduated from the Columbia College of Physicians and Surgeons in 1913. He was on its faculty from 1919 until his retirement in 1956 as Associate Clinical Professor of Neurology. He was on the staff of the Neurological Institute as Associate Attending Neurologist from 1930 to 1935 and as Attending from 1936 to 1947, and was an Attending Neurologist at Presbyterian Hospital from 1947 to 1956.

Dr. Sands was a panel psychiatrist for the New York Board of Education, member of the associate editorial board of the New York State Journal of Medicine, member of the house of delegates of the State Medical Society, a trustee of the Kings County Medical Society and a fellow or member of several other professional societies and associations. He was the author of two books and had also written hundreds of articles.



"ALL MEALS are served at long, low tables under the trees. And how the kiddies gained! Oceanic, N. J."—from the 1921 Annual Report.

Babies Hospital Operated 'Summer Home' in New Jersey for Almost Half Century

From 1888 until 1933 Babies Hospital operated in two locations—the hospital in New York and its "Summer Home" at Oceanic, New Jersey.

Between 1888 and 1902, when the city hospital kept open in the summer for the first time, except for 1892 when the "Summer Home" was suspended while a new one was being built, all patients were cared for at the New Jersey site during the hotter months, usually from June through September. Patients already in the hospital were transferred to Oceanic, and the city hospital maintained hours three mornings a week to accept additional children to be taken there.

In the first four years the Oceanic operation was in a rented house. In 1891 friends of the hospital provided funds to purchase three acres of property there and a house for the hospital was built through a gift from Mr. and Mrs. A. Blair Thaw. Another house, a cottage for the use of older children, was erected in 1893, the gift of Mr. and Mrs. J. Hooker Hamersley and a third, for use as a reception cottage, was presented in 1892 by Edward Kemp and William F. Havemeyer.

"We are justly proud of the cool and healthful resort to which we can send our sick babies," stated early annual reports. Dr. J. Emmett Holt, in his medical reports, stressed its great value, and in 1898 made this comment: "With the class of ailments which fill a hospital during the summer, results in close hospital wards in the city are almost as bad as in the tenements; but not so where they can be placed under such surroundings as are furnished at our Home at Oceanic."

One of the most active groups to support the Oceanic operation was the Cribside Committee. Among other things, it raised a \$6,000 fund for still another building there, used as nurses' quarters and opened in 1899.

This Committee was described in the 1889 report as "composed of twenty young girls who in turn visit the Hospital, two of them being on duty each afternoon in the week except Sunday and Friday. They minister to the little patients in many loving ways, which even babies ap-

preciate." This seems to have been the origin, in the hospital's first year, of what was later to be termed "T. L. C." (Tender, loving care).

The Cribside Committee frequently conducted such activities as fairs and rummage sales, raising money for the hospital's general fund, annual sponsorship of a bed and salaries of visiting nurses, among its many contributions. It also conducted an annual Lenten sewing class, at which women volunteers were taught to sew clothing for the needy. In some years these provided more than 1,000 garments.

Later called the Cribside Social Service Committee, it pooled its interests with the Board of Women Managers to become a single auxiliary in 1954. It still concentrates on some of its original interests, such as strong support of Social Service, and still has the Lenten sewing sessions, although they are now confined to the organization's membership.

Two Center Doctors On Network Telecast

Dr. George H. Humphreys, II, director, Service of Surgery, and Dr. Sidney Blumenthal, Pediatric Cardiologist, were last month interviewed on progress in heart research before a national television audience. Six other physicians were members of the panel reporting on progress. Hugh Downs, science editor of NBC was moderator; Earl Ubell, science editor, N. Y. Herald Tribune, and Robert K. Plumb, science writer, N. Y. Times, asked the questions.

The panel was part of a four-hour telecast arranged by the New York Heart Association to open its annual recruitment of volunteers. Theatrical and operatic celebrities were also part of the program.

Medical Advances at Babies Hospital Have Brought It World-Wide Reputation

Medical advances and improved methods for the care of sick children which have had their inception at Babies Hospital are far too numerous for any attempt at a complete presentation on these pages. A few of the highlights can be summarized as follows:

Research:

The disease, cystic fibrosis of the pancreas, was identified simultaneously and independently in more than one part of the world, but recognition is universally given to Dr. Dorothy H. Andersen for her careful and complete description of the pathological anatomy of the disease published in 1938. Subsequently the Babies Hospital staff made important discoveries in methods of recognizing the disease in living patients, especially by measurement of enzymes in material aspirated from the duodenum, and by analysis of the composition of sweat, which in these patients is peculiar and distinctive. Thus an important disease which in 1938 was recognizable only by the changes found post mortem, can now be detected reliably and early, even before any symptoms appear in the patient. Through these studies it has become possible to verify the hypothesis that the disease is of congenital origin, transmitted by the hereditary mechanism of the genes. Considerable progress has been made both in treatment and in prevention of the symptoms, so that a number of patients are now under observation who, although they have the constitutional background for the disease, are essentially free from any of its symptoms.

Congenital toxoplasmosis, a serious infection which a mother can transmit to her child before he is born and without her being aware of any illness on her part, was not known to exist until 1939 when Drs. Beryl H. Paige, Abner Wolf and David Cowen studied their first case. In addition to describing the anatomical changes which the disease may produce in the infant, they were the first to demonstrate the possibility of its being transmitted from the patient's tissues to experimental laboratory animals. These observations stimulated comparable studies in various parts of the world and led eventually to the demonstration that the disease, although everywhere comparatively rare, nevertheless has actually a global distribution.

Another new disease, infantile cortical hyperostosis, was first described simultaneously in San Francisco and in Babies Hospital in 1945. Babies Hospital became generally recognized as a focus of interest in this condition, now commonly known as Caffey's Disease. Ordinarily it produces conspicuous bony deformities in early life, but these disappear spontaneously as a rule and the outlook is good. Its cause is not yet known, but Dr. John Caffey believes this is a new disease, unknown in earlier years.

Another disease first described by workers at Babies Hospital is familial dysautonomia, now commonly known as the Riley-Day syndrome. It was first described in 1949. Young patients with this condition show un-

expected variations in blood pressure, in temperature of the extremities, often break out in fleeting rashes, and several have "cyclic vomiting." Because these patients present so many difficult behavior problems, their parents have formed an association and hold periodic meetings for discussion of their mutual problems with a pediatrician, usually Dr. Conrad M. Riley. Although treatment is not curative, most of the symptoms can be controlled with appropriate measures.

Bacteriological studies under general supervision of Dr. Hattie E. Alexander have been responsible for a number of innovations and discoveries. The mechanisms by which bacteria change their susceptibility to different drugs and antibiotics have been under close scrutiny. Also factors responsible for the hereditary characteristics of bacteria and viruses have received intensive study and have been far more specifically defined than had been possible only a few years ago. Although these observations, made in the laboratory, appear far removed from the practical aspects of disease, quite the opposite is the case; the circumstances which determine the susceptibility of the agents of disease to the antibiotics and other therapeutic measures now available must be fully appreciated if success with modern chemotherapy is to be attained.

The Fetal Life Study was organized just after the World War to determine the nature and frequency of congenital malformations occurring in infants and to learn, if possible, something about their causation. It has thus been in operation for well over a decade. Through co-operative participation of several clinical services, including Obstetrics, Anesthesiology, Ophthalmology, Otolaryngology and Neurology as well as Pediatrics, basic data are being gathered by which progress in the prevention and treatment of malformations can be measured.

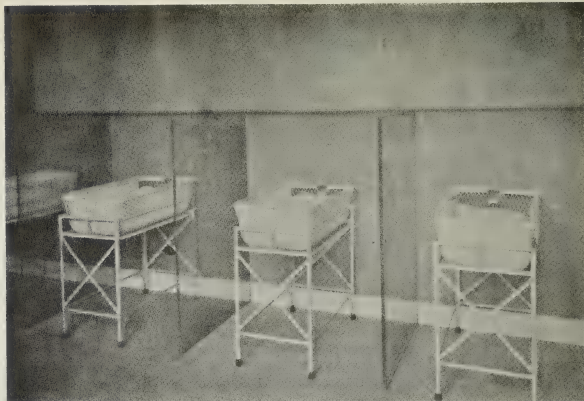
Patient Care:

The work of the Babies Hospital premature unit and the studies carried out there have received wide recognition. (This subject was covered extensively in the October *Stethoscope*.)

Some of the earliest successes in the cure of influenza bacillus meningitis were brought about through the use of a specific serum developed by Dr. Alexander around 1936. Although use of this serum has now been superseded by administration of antibiotics, the hospital has continued to be a center of interest in bacterial meningitis and the source of important innovations in treatment.

Physicians at Babies Hospital pioneered in the early recognition and successful surgical treatment of a particular type of tumor of adrenal gland cells, the pheochromocytoma.

Mention should be made also of Dr. Robert B. Hiatt's studies of the physiology of intestinal motility which led to the invention of effective operative treatment for the cure of congenital megacolon.



PREMATURE WARD, as pictured in the 1910 Annual Report. The caption stated it was "the first one of its kind in the United States."

It was demonstrated at Babies Hospital that most examples of obesity in childhood represent not an endocrine imbalance, as had previously been thought, but an emotional disturbance, derived from a basic insecurity on the part of the young patient.

At the time this hospital's pediatric-psychiatric clinic was first organized, about 1938, there were not more than half a dozen such organizations in the country. The clinic plays an important role in treatment of a variety of emotional disorders, such as hysteria, anorexia nervosa, and ulcerative colitis.

Recreational therapy has for years played a vital part in the rehabilitation of hospitalized patients, serving to restore morale to those who have come safely through an operation or a debilitating illness and sustaining the less fortunate ones whose course cannot be turned. When the patient is well enough to be taken to the play area on the 12th Floor, he finds there a wide variety of diversions appropriate to his individual age and capacity and taste. If he cannot leave his floor, the workers bring their materials to him, taking whatever time is required to read a story or play some game or, best of all, provide simple equipment with which he can fashion something he can look on as his own achievement. The sense of accomplishment is a powerful remedy at all ages.

Teaching:

Contributions in the realm of teaching of physicians, medical students and nurses at Babies Hospital have included:

Early application of the case method to pediatric teaching of undergraduate medical students.

Development in the pediatric outpatient clinic of a quick consultative service through which, with the co-operation of a variety of clinical specialties, the medical student may obtain with minimal delay advice in the handling of some of the more unusual facets of a pediatric problem. For example, a patient brought to Vanderbilt Clinic because of an ill-defined symptom such as a change in behavior may after preliminary pediatric evaluation need to be seen by one or more collaborating specialists—for example, a neurologist, a psychiatrist, a surgeon, a urologist, an otolaryngologist, or a dermatologist. The aim of this consultative service is to give the patient's physician as

rapidly and conveniently as possible the benefit of whatever expert opinion is required in the individual situation.

Early participation of residents, later of medical students, in the work of the pediatric-psychiatric clinic.

Nephrotic Syndrome Program Held Here

The Department of Pediatrics played host to the Conference on the Nephrotic Syndrome. This series of conferences began informally at New York Hospital 10 years ago, meeting at various medical centers annually since then. Publication of its proceedings is supported by the National Foundation for Kidney Disease.

The program was arranged by Dr. Conrad M. Riley. Dr. Rustin McIntosh greeted those attending, pointing out how useful the previous, published proceedings had been to research in renal disease. Participants represented research centers from all over the United States and Canada. Among the scheduled speakers was Dr. Frederick Agate of the Department of Anatomy, discussing an experimental nephrotic syndrome in the hamster. Other Medical Center people attending were Dr. Councilman Morgan, Dr. Thomas E. Morgan, Jr., Dr. Stanley E. Bradley, Dr. Peter R. Scaglione, Dr. George D. Pappas, Dr. Beatrice C. Segal had a scientific exhibit on display.

Work Is Under Way To Enlarge Cafeteria

Continued from page one

larging and modernizing of Neurological Institute were planned by the same architects, Rogers and Butler, and are being constructed by the same contractor, Vermilya-Brown Company, Inc. The Hospital has requested completion of at least the exterior work by not later than June 1, to permit the garden to be restored in good condition in time for the Nurses' Graduation ceremonies.



"PREPARING babies' food needs utmost care" read the caption with this picture in the 1910 Annual Report.

'Marasmus' Chief Cause of High Death Rate of Infant Patients Around Turn of Century

At the time Babies Hospital was founded the mortality rate among infants in New York was appallingly high; of total deaths, 26 per cent was among babies under one year of age; 34 per cent among children under two.

The death rate in Babies Hospital was high for many years, that for total admissions fluctuating between 26 and 35 per cent for more than three decades. The first medical report covered the period from June 16, 1888 to December 1, 1889, showing 57 deaths out of 214 admissions. The 1891 report showed 73 deaths out of 253 patients treated.

These figures appear shockingly high until one knows the circumstances behind them. The hospital, in its annual report and other literature, made it clear why there was such a high mortality rate among its patients. In his medical report for 1891, Dr. L. Emmett Holt stated:

"Of the 73 deaths, all but 10 occurred among the children under one year. Over one-half the deaths were from marasmus or tuberculosis, nearly all of these cases being hopeless on admission. . . .

"The Hospital has refused admission to no child because it was suffering from marasmus or tuberculosis, or likely to die from acute disease. Nine of the deaths occurred within the first 48 hours of admission. The view which has been taken is that the Hospital is for *sick children*, and most especially for those who are so sick that they cannot be cared for elsewhere."

Marasmus, a word rarely seen in modern medical writing and certainly a stranger to the great majority of lay readers, cropped up frequently in medical accounts of that period. Also sometimes called infantile atrophy, atrophies and pedatrophies, it is given this definition in the American Medical Dictionary: "Progressive wasting and emaciation, especially such a wasting in infants where there is no obvious or ascertainable cause."

Holt Cited Some of Causes

Pediatricians of Babies Hospital had their own beliefs as to what were at least some of the causes of marasmus. In his 1896 report, Dr. Holt wrote: "This marasmus, or simply wasting without organic disease . . . is the result of improper food, want

of proper care, to which in many cases is added a feeble vitality with which the child came into the world. . . . Unless you have been in the receiving ward and heard there the tale of poverty, often destitution, neglect, starvation, and, not infrequently, abuse at the hands of a drunken father or husband which accompanies these little waifs . . . you can form but a faint conception of what the previous life of these children has been, or, in many cases, what their mothers have suffered before they were born."

In retrospect, present-day pediatricians feel, although emphasizing that second-guessing on such matters cannot be proved, that at least some marasmus cases were probably attributable to diseases not then known. For example, description of some cases read much like the symptoms of cystic fibrosis of the pancreas, a disease tracked down in Babies Hospital in 1938.

At any rate, marasmus was the big infant killer of that time. Of 104 Babies Hospital deaths in 1892, 49 were attributed to marasmus and it continued to be listed as the greatest single mortality factor for nearly two decades.

'Premies' Brought New Concern

In 1908 the Babies Hospital marasmus deaths had declined in proportion to 61 out of 390. The total fatality rate for the year was 34 per cent of all patients admitted. This, Dr. Holt reported, was "slightly higher than last year owing chiefly to two causes, the larger number of premature infants and of severe intestinal cases admitted during the summer which was an unusually hot one."

In his 25th report, in 1913, Dr. Holt noted that the city-wide death rate among infants had declined 15 per cent during a quarter century. In 1920 his report showed that pneumonia had taken over as the principal killer, accounting for 121 out of 383 deaths, as against 35 for marasmus. From then on, at least in Babies Hospital reports, marasmus showed a gradual decline as a major factor in infant mortality.



ABOVE PICTURE appeared in the 1897 Annual Report. The caption read: "Mid-Year Class, 1897-98. Training School for Nursery Maids."

Training of Pediatric Nurses Started Early

"Next to a wise doctor, the most important agent in the care of a sick infant is an intelligent nurse."

This statement, along with commendation of Babies Hospital for its recognition of the importance of good nursing care, was made by Dr. William H. Draper in 1892 in addressing an anniversary meeting at the hospital.

In its first year the hospital opened a post-graduate course for trained nurses to provide instruction in the care of sick infants. "The advantage . . . is recognized by the trained nurses themselves, who . . . find themselves quite ignorant of the care of sick babies," the annual report said.

In 1891 the hospital started, through the effort and funds provided by Mrs. Robert W. Chapin, a new kind of school—"a course for the practical training of children's nurses . . . the object being not to make them trained nurses, but intelligent care-takers of young children."

The course, lasting six months, was singularly successful. Its graduates were soon considered invaluable in this pioneering work and within a few years, with the cooperation of Babies Hospital, the plan was adopted in hospitals throughout this country and in England. At Babies Hospital the first class consisted of four young women. They received \$5 a month while in training and were guaranteed, upon graduation, payment of \$13 a month if they remained with the hospital, \$20 if they went into private service.

School Lasted Until 1939

This Training School for Nursing Maids, as the school became known, turned out graduates who won nothing but the highest praise from pediatricians and those who hired the "nursing maids." Within a few years there were many more applicants than could be accepted. The school continued until 1939, when it had to be abandoned because of changed state regulations.

Meantime, the post-graduate training program for trained nurses was gradually enlarged. The course was extended from the original three months to eight months and an affiliation was effected with French Hospital for its graduate nurses to come to Babies Hospital for infant care instruction.

When Babies Hospital came to the Medical Center in 1929 there was a resultant affiliation with the School of Nursing of Presbyterian Hospital, whereby all of its student nurses receive a 12-weeks' course in pediatric nursing. This was continued when the school became a department of the Faculty of Medicine, College of Physicians and Surgeons. New affiliations also were made with several other hospital nursing schools. A few years ago these totaled as high as 17. During this year, 474 students will have taken the course—127 from our own Department of Nursing and 347 from 14 other affiliating hospital schools.

This year the Babies Hospital nursing staff consisted of 61 graduate nurses, 19 nurses' aides, six practical nurses and an average of 110 student nurses.

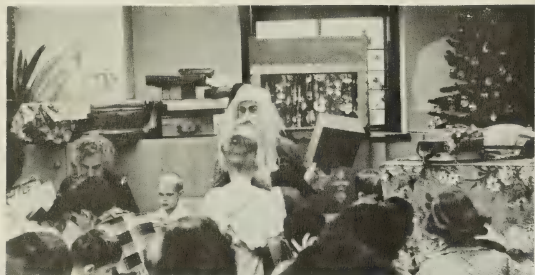
Recent Innovations Cited

The hospital is constantly striving to improve its nursing care and there have been important innovations in recent months.

"The addition of two special nursing units, one of four beds for children in need of constant nursing care and one of five for general surgery, has made possible a reassignment of graduate nurses to insure graduate care to nine very sick children," says Miss Marjorie Peto, Assistant Director of Nursing, Pediatrics Service, in explaining these changes.

"The recovery area, started at the end of June, has made possible a reassignment of graduate nurses for the care of all children receiving anesthesia. Also, the addition of equipment for a work shop has enabled us to meet the needs of the older child for advanced type of recreation."

"...And all through the house"



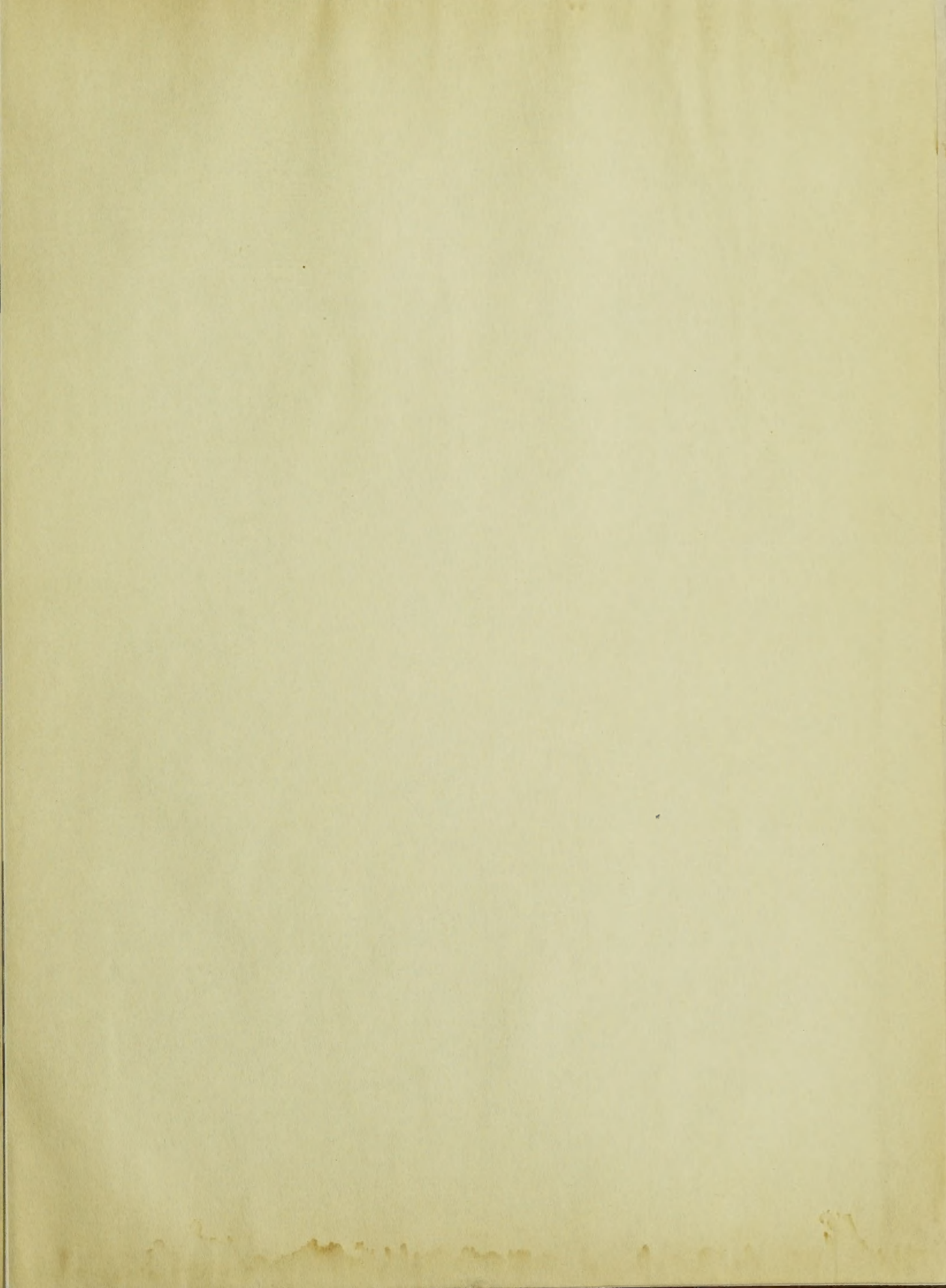
Christmas in the Hospital can sound like a lonely proposition . . . but for those who have experienced it (both staff and personnel) it is really just the opposite.

There is an extra warmth at this season that spreads from the center—The Chapel—to all who touch even the fringes of hospital life. Clinic benches are less austere near decorated glass partitions; wards become festive under the influence of carolers; children strengthen their belief in Yuletide magic at the sight of Santa and gifts, marked by name for each.

Christmas 1957 was typical. These pictures, made then, show only a small portion of the season's extra warmth.



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